Appendix D

PRINT-OUT OF COST MODEL CONTENTS

CEMENT KILNS

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

SYSTEM DATA

TONS OF HAZARDOUS WASTE BURNED

Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	Site ID Number	System Size	Type of System	Hazardous Waste Burned (1995 tons)	Practical Capacity (1995/96 tons)	Capacity Utilization (1998 %)	Breakdown of Tons of Waste Burned (1995 tons, with 1993 tons as default)					Estimated Breakdown of Waste Burned (1995 tons)					Percentile Summary of HW Burned							
									Liquids	Sludges	Solids	Unk.	TOTAL	Liquids	Sludges	Solids	Unk.	TOTAL	Combustion Systems (tons)						Facilities	
																			=0	50-150	150-1,000	1,000-5,000	5,000-10,000	>=10,000	Tons = 0	Tons>0
3	7	7.1	8	10	11	13	14	15	16	17	18	19	20	21	22	23	24	25	25.1	25.1a	25.1b	25.1c	25.1d	25.1e	25.3	25.4
1	1	2	402	S	wet	11,733	17,600	67%	6,955	20	4,753	6	11,733	6,958	20	4,755		11,733	0	na	na	na	na	na	na	na
1	1	2	401	S	wet	11,733	17,600	67%	6,955	20	4,753	6	11,733	6,958	20	4,755		11,733	0	na	na	na	na	na	0	1
2	1	3	404	L	wet	17,519	26,278	67%	13,699	0	3,811	8	17,519	13,706	0	3,813		17,519	0	na	na	na	na	na	na	na
2	1	3	403	S	wet	17,519	26,278	67%	13,699	0	3,811	8	17,519	13,706	0	3,813		17,519	0	na	na	na	na	na	na	na
2	1	3	228	S	wet	17,519	26,278	67%	13,699	0	3,811	8	17,519	13,706	0	3,813		17,519	0	na	na	na	na	na	0	1
3	1	1	319	L	wet	96,012	144,018	67%	67,260	7	28,745	0	96,012	67,260	7	28,745		96,012	0	na	na	na	na	na	0	1
4	1	2	300	S	wet	45,678	68,517	67%	42,800	2,065	778	36	45,678	42,833	2,067	779		45,678	0	na	na	na	na	na	na	na
4	1	2	491	S	wet	45,678	68,517	67%	42,800	2,065	778	36	45,678	42,833	2,067	779		45,678	0	na	na	na	na	na	0	1
5	2	4	200	S	wet	19,931	29,897	67%	19,931	0	0	0	19,931	19,931	0	0		19,931	0	na	na	na	na	na	na	na
5	2	4	681	S	wet	19,931	29,897	67%	19,931	0	0	0	19,931	19,931	0	0		19,931	0	na	na	na	na	na	na	na
5	2	4	680	S	wet	19,931	29,897	67%	19,931	0	0	0	19,931	19,931	0	0		19,931	0	na	na	na	na	na	na	na
5	2	4	201	S	wet	19,931	29,897	67%	19,931	0	0	0	19,931	19,931	0	0		19,931	0	na	na	na	na	na	0	1
6	4	1	202	L	dry	18,713	28,070	67%	18,713	0	0	0	18,713	18,713	0	0		18,713	0	na	na	na	na	na	0	1
7	1	1	203	L	wet	11,526	17,289	67%	11,526	0	0	0	11,526	11,526	0	0		11,526	0	na	na	na	na	na	0	1
8	1	1	204	L	wet	74,127	111,191	67%	74,127	0	0	0	74,127	74,127	0	0		74,127	0	na	na	na	na	na	na	na
9	1	2	206	L	wet	15,727	23,590	67%	15,727	0	0	0	15,727	15,727	0	0		15,727	0	na	na	na	na	na	0	1
9	1	2	205	L	wet	15,727	23,590	67%	15,727	0	0	0	15,727	15,727	0	0		15,727	0	na	na	na	na	na	na	na
10	1	2	207	S	wet	26,790	40,184	67%	26,790	0	0	0	26,790	26,790	0	0		26,790	0	na	na	na	na	na	0	1
10	1	2	208	L	wet	26,790	40,184	67%	26,790	0	0	0	26,790	26,790	0	0		26,790	0	na	na	na	na	na	0	1
11	2	1	320	L	dry	26,059	39,089	67%	26,059	0	0	0	26,059	26,059	0	0		26,059	0	na	na	na	na	na	0	1
12	1	2	302b	S	wet	19,744	29,616	67%	19,744	0	0	0	19,744	19,744	0	0		19,744	0	na	na	na	na	na	na	na
12	1	2	302a	S	wet	19,744	29,616	67%	19,744	0	0	0	19,744	19,744	0	0		19,744	0	na	na	na	na	na	0	1
13	1	2	323	S	wet	30,114	45,171	67%	30,114	0	0	0	30,114	30,114	0	0		30,114	0	na	na	na	na	na	na	na
13	1	2	322	S	wet	30,114	45,171	67%	30,114	0	0	0	30,114	30,114	0	0		30,114	0	na	na	na	na	na	0	1
14	1	1	303	L	dry	41,948	62,922	67%	41,948	0	0	0	41,948	41,948	0	0		41,948	0	na	na	na	na	na	0	1
15	1	1	304	L	wet	16,961	25,442	67%	16,961	0	0	0	16,961	16,961	0	0		16,961	0	na	na	na	na	na	0	1
16	1	1	321	S	dry	28,900	43,350	67%	28,611	0	289	0	28,900	28,611	0	289		28,900	0	na	na	na	na	na	na	na
17	2	2	305	S	dry	19,029	28,544	67%	19,029	0	0	0	19,029	19,029	0	0		19,029	0	na	na	na	na	na	0	1
17	1	2	335	S	dry	19,029	28,544	67%	19,029	0	0	0	19,029	19,029	0	0		19,029	0	na	na	na	na	na	na	na
18	4	4	318b	S	wet	23,136	34,703	67%	17,571	5,518	47	1	23,136	17,571	5,518	47		23,136	0	na	na	na	na	na	na	na
18	4	4	318c	S	wet	23,136	34,703	67%	17,571	5,518	47	1	23,136	17,571	5,518	47		23,136	0	na	na	na	na	na	na	na
18	4	4	318a	S	wet	23,136	34,703	67%	17,571	5,518	47	1	23,136	17,571	5,518	47		23,136	0	na	na	na	na	na	0	1
18	4	4	473	S	wet	23,136	34,703	67%	17,571	5,518	47	1	23,136	17,571	5,518	47		23,136	0	na	na	na	na	na		

TOTAL						$876,697								798720	26251	51726	0	876,697	0%						0%	100%
Average														91%	3%	6%	0%	26,567								
Minimum																										
Maximum																										
Median																										

CALCULATIONS USED TO ESTIMATE QUANTITY OF EACH TYPE OF WASTE BURNED AT EACH FACILITY

Facilities Represented:

24,201	795	1,587	26,583
91%	3%	6%	100%

SCALING FACTOR
(Cement kilns)

Combustion systems included in the IEc analysis:	33
Number of facilities included in the IEc analysis:	18
Number of facilities in EER's list:	18
Average number of combustion systems per facility:	1.8
Estimated # of combustion systems not in IEc's analysis:	0.0
Total Universe of Combustion Systems (K80 + K84)	33
Total # of systems in universe	33
Scaling factor to be used for national costs:	1.0

FINAL DRAFT: July 1999

CEMENT KILNS CKOPT_MEDIAN

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

SYSTEM DATA

HAZARDOUS WASTE REVENUES

Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	Site ID Number	System Size	Type of System	Revenues from HW burned ($/year) Liquids	Sludges	Solids	Unk.	TOTAL	Total Average Revenues Per Ton	Imputed Revenues ($/week)	Savings in Energy Costs from HW ($/yr)	($/ton)
3	7	7.1	8	10	11	26	27	28	29	30	31	32	33	34
1	1	2	402	S	wet	$948,411	$6,243	$3,247,821	NA	$4,202,475	$358	$80,817	$433,857	$37
1	1	2	401	S	wet	$948,411	$6,243	$3,247,821	NA	$4,202,475	$358	$80,817	$433,857	$37
2	1	3	404	L	wet	$1,868,108	$0	$2,604,152	NA	$4,472,260	$255	$86,005	$683,094	$39
2	1	3	403	S	wet	$1,868,108	$0	$2,604,152	NA	$4,472,260	$255	$86,005	$683,094	$39
2	1	3	228	S	wet	$1,868,108	$0	$2,604,152	NA	$4,472,260	$255	$86,005	$683,094	$39
3	1	1	319	L	wet	$9,167,538	$2,240	$19,632,835	NA	$28,802,613	$300	$553,896	$3,660,123	$38
4	1	2	300	S	wet	$5,838,109	$661,314	$531,787	NA	$7,031,210	$154	$135,216	$1,856,618	$41
4	1	2	491	S	wet	$5,838,109	$661,314	$531,787	NA	$7,031,210	$154	$135,216	$1,856,618	$41
5	2	4	200	S	wet	$2,716,629	$0	$0	NA	$2,716,629	$136	$52,243	$823,334	$41
5	2	4	681	S	wet	$2,716,629	$0	$0	NA	$2,716,629	$136	$52,243	$823,334	$41
5	2	4	680	S	wet	$2,716,629	$0	$0	NA	$2,716,629	$136	$52,243	$823,334	$41
5	2	4	201	S	wet	$2,716,629	$0	$0	NA	$2,716,629	$136	$52,243	$823,334	$41
6	4	1	202	L	dry	$2,550,582	$0	$0	NA	$2,550,582	$136	$49,050	$773,010	$41
7	1	1	203	L	wet	$1,570,994	$0	$0	NA	$1,570,994	$136	$30,211	$476,124	$41
8	1	1	204	L	wet	$10,103,510	$0	$0	NA	$10,103,510	$136	$194,298	$3,062,091	$41
9	1	2	206	L	wet	$2,143,522	$0	$0	NA	$2,143,522	$136	$41,222	$649,641	$41
9	1	2	205	L	wet	$2,143,522	$0	$0	NA	$2,143,522	$136	$41,222	$649,641	$41
10	1	2	207	S	wet	$3,651,409	$0	$0	NA	$3,651,409	$136	$70,219	$1,106,640	$41
10	1	2	208	L	wet	$3,651,409	$0	$0	NA	$3,651,409	$136	$70,219	$1,106,640	$41
11	2	1	320	L	dry	$3,551,842	$0	$0	NA	$3,551,842	$136	$68,305	$1,076,464	$41
12	1	2	302b	S	wet	$2,691,107	$0	$0	NA	$2,691,107	$136	$51,752	$815,599	$41
12	1	2	302a	S	wet	$2,691,107	$0	$0	NA	$2,691,107	$136	$51,752	$815,599	$41
13	1	2	323	S	wet	$4,104,538	$0	$0	NA	$4,104,538	$136	$78,933	$1,243,970	$41
13	1	2	322	S	wet	$4,104,538	$0	$0	NA	$4,104,538	$136	$78,933	$1,243,970	$41
14	1	1	303	L	dry	$5,717,512	$0	$0	NA	$5,717,512	$136	$109,952	$1,732,818	$41
15	1	1	304	L	wet	$2,311,784	$0	$0	NA	$2,311,784	$136	$44,457	$700,637	$41
16	1	1	321	S	dry	$3,899,679	$0	$197,387	NA	$4,097,066	$142	$78,790	$1,190,746	$41
17	2	2	305	S	dry	$2,593,653	$0	$0	NA	$2,593,653	$136	$49,878	$786,063	$41
17	1	2	335	S	dry	$2,593,653	$0	$0	NA	$2,593,653	$136	$49,878	$786,063	$41
18	4	4	318b	S	wet	$2,394,945	$1,765,718	$31,760	NA	$4,192,423	$181	$80,624	$896,476	$39
18	4	4	318c	S	wet	$2,394,945	$1,765,718	$31,760	NA	$4,192,423	$181	$80,624	$896,476	$39
18	4	4	318a	S	wet	$2,394,945	$1,765,718	$31,760	NA	$4,192,423	$181	$80,624	$896,476	$39
18	4	4	473	S	wet	$2,394,945	$1,765,718	$31,760	NA	$4,192,423	$181	$80,624	$896,476	$39
TOTAL										$152,594,722			$35,385,312	
Average														$40
Minimum														
Maximum														
Median														

FINAL DRAFT: July 1999

CEMENT KILNS CKOPT_MEDIAN

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

Option Chosen Rec(50%)

SYSTEM DATA

COMPLIANCE COSTS

Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	Site ID Number	System Size	Type of System	Compliance Costs: Annualized Capital	Compliance Costs: Annual Fixed O/M	Compliance Costs: Variable O/M	Compliance Costs: Total Annual	Incremental Permitting Costs	CEM Costs	Comp., Conf., DRE Testing Costs	Feed Control Costs
3	7	7.1	8	10	11	53	54	55	56	57	58	59	194
1	1	2	402	S	wet	$227,172	$264,564	$62,627	$554,363	$5,000	$0	$3,665	$0
1	1	2	401	S	wet	$182,441	$258,068	$40,927	$481,437	$5,000	$0	$3,665	$0
2	1	3	404	L	wet	$455,037	$442,805	$65,060	$1,473,221	$5,000	$0	($5,285)	$510,320
2	1	3	403	S	wet	$385,022	$394,693	$33,850	$813,565	$5,000	$0	$3,665	$0
2	1	3	228	S	wet	$0	$0	$0	$1,318,681	$5,000	$0	$311	$1,318,681
3	1	1	319	L	wet	$257,637	$158,690	$73,876	$1,463,579	$5,000	$0	($8,639)	$973,376
4	1	2	300	S	wet	$178,550	$118,351	$38,959	$994,302	$5,000	$0	$3,665	$658,441
4	1	2	491	S	wet	$368,145	$383,059	$157,198	$908,402	$5,000	$0	$3,665	$0
5	2	4	200	S	wet	$137,731	$97,529	$15,459	$250,719	$5,000	$0	$311	$0
5	2	4	681	S	wet	$125,054	$91,063	$13,542	$2,151,259	$5,000	$0	$311	$1,921,600
5	2	4	680	S	wet	$3,533	$19,180	$3,165	$830,423	$5,000	$0	$311	$804,544
5	2	4	201	S	wet	$135,066	$7,089	$2,734	$181,390	$5,000	$0	$311	$36,501
6	4	1	202	L	dry	$208,718	$10,955	$5,326	$1,355,905	$5,000	$0	($8,639)	$1,130,906
7	1	1	203	L	wet	$228,149	$143,644	$17,936	$1,449,047	$5,000	$0	($8,639)	$1,059,318
8	1	1	204	L	wet	$1,562,943	$1,168,932	$483,375	$3,215,250	$5,000	$0	($8,639)	$0
9	1	2	206	L	wet	$397,299	$428,444	$58,370	$884,113	$5,000	$0	($8,639)	$0
9	1	2	205	L	wet	$0	$0	$0	$0	$5,000	$0	$311	$0
10	1	2	207	S	wet	$0	$0	$0	$305,956	$5,000	$0	$311	$305,956
10	1	2	208	L	wet	$225,080	$142,077	$32,815	$399,973	$5,000	$0	($8,639)	$0
11	2	1	320	L	dry	$0	$0	$0	$1,487,877	$5,000	$0	($8,639)	$1,487,877
12	1	2	302b	S	wet	$92,542	$198,846	$24,368	$315,756	$5,000	$0	$311	$0
12	1	2	302a	S	wet	$92,542	$198,846	$24,368	$315,756	$5,000	$0	$311	$0
13	1	2	323	S	wet	$121,034	$206,788	$65,305	$993,026	$5,000	$0	$311	$599,899
13	1	2	322	S	wet	$0	$0	$0	$313,190	$5,000	$0	$311	$313,190
14	1	1	303	L	dry	$276,979	$14,537	$10,769	$1,650,664	$5,000	$0	($8,639)	$1,348,379
15	1	1	304	L	wet	$268,509	$164,231	$14,290	$1,466,151	$5,000	$0	($8,639)	$1,019,122
16	1	1	321	S	dry	$294,390	$177,431	$58,428	$2,795,732	$5,000	$0	($5,285)	$2,265,483
17	2	2	305	S	dry	$243,528	$151,487	$32,480	$2,021,094	$5,000	$0	($8,639)	$1,593,599
17	1	2	335	S	dry	$224,520	$283,232	$117,214	$1,562,554	$5,000	$0	$311	$937,589
18	4	4	318b	S	wet	$0	$0	$0	$278,769	$5,000	$0	$311	$278,769
18	4	4	318c	S	wet	$0	$0	$0	$278,769	$5,000	$0	$311	$278,769
18	4	4	318a	S	wet	$0	$0	$0	$278,769	$5,000	$0	$311	$278,769
18	4	4	473	S	wet	$144,484	$100,971	$15,319	$260,774	$5,000	$0	$311	$0
TOTAL						$6,836,105	$5,625,512	$1,467,758	$33,050,466	$165,000	$0		
Average								$5,625,512					
Minimum													
Maximum													
Median													

Note: Total Annual Compliance Costs Also Include Feed Control Costs.

CEMENT KILNS

CKOPT_MEDIAN

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

SYSTEM DATA

COMPLIANCE COSTS, CONTINUED

Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	Site ID Number	System Size	Type of System	Incremental Quantity of Dry Residuals (tons/yr)	Residual Disposal Cost ($/yr)	Shutdown Analysis (Net of Regular Downtime)				Total Annual Compliance Costs	Total Annual Compliance Costs per Ton ($/ton)
								Number of Weeks Required to Shutdown	HW burning Revenues Lost During Shutdown	Net Revenues Lost During Shutdown ($)	Annualization of Shutdown Costs ($/year)		
3	7	7.1	8	10	11	59	60	61	62	63	64	65	66
1	1	2	402	S	wet				$0			$563,028	$48
1	1	2	401	S	wet				$0			$490,101	$42
2	1	3	404	L	wet				$0			$1,472,936	$84
2	1	3	403	S	wet				$0			$822,229	$47
2	1	3	228	S	wet				$0			$1,323,993	$76
3	1	1	319	L	wet				$0			$1,459,941	$15
4	1	2	300	S	wet				$0			$1,002,966	$22
4	1	2	491	S	wet				$0			$917,067	$20
5	2	4	200	S	wet				$0			$256,030	$13
5	2	4	681	S	wet				$0			$2,156,570	$108
5	2	4	680	S	wet				$0			$835,734	$42
5	2	4	201	S	wet				$0			$186,701	$9
6	4	1	202	L	dry				$0			$1,352,266	$72
7	1	1	203	L	wet				$0			$1,445,408	$125
8	1	1	204	L	wet				$0			$3,211,611	$43
9	1	2	206	L	wet				$0			$880,474	$56
9	1	2	205	L	wet				$0			$5,311	$0
10	1	2	207	S	wet				$0			$311,267	$12
10	1	2	208	L	wet				$0			$396,334	$15
11	2	1	320	L	dry				$0			$1,484,238	$57
12	1	2	302b	S	wet				$0			$321,067	$16
12	1	2	302a	S	wet				$0			$321,067	$16
13	1	2	323	S	wet				$0			$998,338	$33
13	1	2	322	S	wet				$0			$318,501	$11
14	1	1	303	L	dry				$0			$1,647,025	$39
15	1	1	304	L	wet				$0			$1,462,512	$86
16	1	1	321	S	dry				$0			$2,795,446	$97
17	2	2	305	S	dry				$0			$2,017,455	$106
17	1	2	335	S	dry				$0			$1,567,865	$82
18	4	4	318b	S	wet				$0			$284,080	$12
18	4	4	318c	S	wet				$0			$284,080	$12
18	4	4	318a	S	wet				$0			$284,080	$12
18	4	4	473	S	wet				$0			$266,085	$12
TOTAL									$0		Named: CKTA	$33,141,808	
Average												$1,004,297	$44
Minimum												$5,311	$0
Maximum												$3,211,611	$125
Median												CKMEDPT>>>	$39

CEMENT KILNS

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

SYSTEM DATA

BASELINE COSTS OF BURNING HAZARDOUS WASTE

Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	Site ID Number	System Size	Type of System	Estimated Number of FTEs Per Comb.System	Estimated Number of FTEs Per Facility	Fixed Annual Capital Costs	Fixed O & M Costs	Variable Costs Per Ton	Variable Costs Per Year	Total Annual Baseline Costs	Total Annual Baseline Costs ($/ton)	Current Operating Profits ($/year)	Current Operating Profits ($/ton)	Baseline Scenario Distribution of Combustion Systems by Operating Profits				
																<$0	$0-50	$51-100	$101-150	>$150
3	7	7.1	8	10	11	67.2	67.3	68	69	$70	71	72	72.1	73	74	74.a	74.b	74.c	74.d	74.e
1	1	2	402	S	wet	6	2	$339,777	$477,346	$34.69	$406,985	$1,224,108	$104	$3,412,224	$291	0	0	0	0	1
1	1	2	401	S	wet	6	2	$385,599	$493,545	$37.52	$440,206	$1,319,350	$112	$3,316,983	$283	0	0	0	0	1
2	1	3	404	L	wet	4	2	$441,953	$480,211	$28.63	$501,587	$1,423,751	$81	$3,731,602	$213	0	0	0	0	1
2	1	3	403	S	wet	4	2	$551,965	$520,164	$19.50	$341,651	$1,413,781	$81	$3,741,572	$214	0	0	0	0	1
2	1	3	228	S	wet	4	2	$508,650	$503,984	$19.34	$338,773	$1,351,408	$77	$3,803,946	$217	0	0	0	0	1
3	1	1	319	L	wet	16	5	$376,519	$591,894	$28.41	$2,728,038	$3,696,451	$38	$28,766,285	$300	0	0	0	0	1
4	1	2	300	S	wet	6	2	$400,320	$498,467	$35.10	$1,603,229	$2,502,016	$55	$6,385,812	$140	0	0	0	1	0
4	1	2	491	S	wet	6	2	$429,919	$509,436	$34.22	$1,563,320	$2,502,676	$55	$6,385,152	$140	0	0	0	1	0
5	2	4	200	S	wet	3	1	$300,378	$411,087	$40.81	$813,401	$1,524,866	$77	$2,015,097	$101	0	0	0	1	0
5	2	4	681	S	wet	2	1	$304,772	$412,530	$30.26	$603,135	$1,320,437	$66	$2,219,527	$111	0	0	0	1	0
5	2	4	680	S	wet	3	1	$305,649	$413,253	$30.94	$616,705	$1,335,607	$67	$2,204,356	$111	0	0	0	1	0
5	2	4	201	S	wet	3	1	$295,641	$409,690	$46.54	$927,527	$1,632,858	$82	$1,907,106	$96	0	0	1	0	0
6	4	1	202	L	dry	16	5	$436,833	$615,527	$38.02	$711,420	$1,763,779	$94	$1,559,812	$83	0	0	1	0	0
7	1	1	203	L	wet	16	5	$378,339	$592,439	$36.78	$423,894	$1,394,673	$121	$652,445	$57	0	0	1	0	0
8	1	1	204	L	wet	16	5	$601,529	$677,138	$17.85	$1,323,029	$2,601,695	$35	$10,563,906	$143	0	0	0	1	0
9	1	2	206	L	wet	8	2	$471,879	$526,176	$25.61	$402,701	$1,400,756	$89	$1,392,408	$89	0	0	1	0	0
9	1	2	205	L	wet	6	2	$322,787	$470,115	$35.33	$555,553	$1,348,454	$86	$1,444,709	$92	0	0	1	0	0
10	1	2	207	S	wet	4	2	$262,828	$446,690	$38.38	$1,028,287	$1,737,804	$65	$3,020,244	$113	0	0	0	1	0
10	1	2	208	L	wet	8	2	$386,207	$494,571	$28.10	$752,903	$1,633,682	$61	$3,124,367	$117	0	0	0	1	0
11	2	1	320	L	dry	16	5	$385,017	$597,476	$77.40	$2,016,869	$2,999,362	$115	$1,628,944	$63	0	0	1	0	0
12	1	2	302b	S	wet	4	2	$362,096	$481,394	$18.96	$374,302	$1,217,792	$62	$2,288,914	$116	0	0	0	1	0
12	1	2	302a	S	wet	4	2	$362,096	$481,394	$18.96	$374,302	$1,217,792	$62	$2,288,914	$116	0	0	0	1	0
13	1	2	323	S	wet	4	2	$366,654	$484,988	$26.76	$805,765	$1,657,407	$55	$3,691,102	$123	0	0	0	1	0
13	1	2	322	S	wet	4	2	$342,054	$475,436	$33.37	$1,004,891	$1,822,381	$61	$3,526,127	$117	0	0	0	1	0
14	1	1	303	L	dry	16	5	$521,111	$647,354	$35.94	$1,507,683	$2,676,148	$64	$4,774,182	$114	0	0	0	1	0
15	1	1	304	L	wet	16	5	$515,210	$642,615	$36.40	$617,332	$1,775,158	$105	$1,237,264	$73	0	0	1	0	0
16	1	1	321	S	dry	16	5	$402,293	$603,656	$39.00	$1,127,012	$2,132,962	$74	$3,154,850	$109	0	0	0	1	0
17	2	2	305	S	dry	8	2	$338,779	$477,212	$36.04	$685,791	$1,501,782	$79	$1,877,934	$99	0	0	1	0	0
17	1	2	335	S	dry	4	2	$267,569	$449,044	$32.62	$620,813	$1,337,425	$70	$2,042,291	$107	0	0	0	1	0
18	4	4	318b	S	wet	3	1	$378,510	$439,989	$26.72	$618,142	$1,436,642	$62	$3,652,258	$158	0	0	0	0	1
18	4	4	318c	S	wet	3	1	$378,510	$439,989	$26.72	$618,142	$1,436,642	$62	$3,652,258	$158	0	0	0	0	1
18	4	4	318a	S	wet	3	1	$378,510	$439,989	$26.72	$618,142	$1,436,642	$62	$3,652,258	$158	0	0	0	0	1
18	4	4	473	S	wet	3	1	$339,523	$425,853	$16.73	$386,977	$1,152,352	$50	$3,936,547	$170	0	0	0	0	1
	TOTAL															0	0	8	15	10
	Average												$74							
	Minimum																			
	Maximum														$116					
	Median														(CKBASPRFT)					

median baseline operating profits per ton
from MEDIANPRFT macro

FINAL DRAFT: July 1999

CEMENT KILNS

CKOPT_MEDIAN

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

SYSTEM DATA

BASELINE COSTS, con.

Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	Site ID Number	System Size	Type of System	Total Annual Baseline Costs (without capital costs) ($/year)	Total Annual Baseline Costs (without capital costs) ($/ton)	Current Operating Profits (without capital costs) ($/ton)
3	7	7.1	8	10	11	74.1	74.2	74.3
1	1	2	402	S	wet	$884,331	$75	$320
1	1	2	401	S	wet	$933,751	$80	$316
2	1	3	404	L	wet	$981,798	$56	$238
2	1	3	403	S	wet	$861,815	$49	$245
2	1	3	228	S	wet	$842,757	$48	$246
3	1	1	319	L	wet	$3,319,932	$35	$304
4	1	2	300	S	wet	$2,101,696	$46	$149
4	1	2	491	S	wet	$2,072,756	$45	$149
5	2	4	200	S	wet	$1,224,488	$61	$116
5	2	4	681	S	wet	$1,015,665	$51	$127
5	2	4	680	S	wet	$1,029,958	$52	$126
5	2	4	201	S	wet	$1,337,217	$67	$111
6	4	1	202	L	dry	$1,326,947	$71	$107
7	1	1	203	L	wet	$1,016,333	$88	$89
8	1	1	204	L	wet	$2,000,166	$27	$151
9	1	2	206	L	wet	$928,877	$59	$119
9	1	2	205	L	wet	$1,025,667	$65	$112
10	1	2	207	S	wet	$1,474,976	$55	$123
10	1	2	208	L	wet	$1,247,474	$47	$131
11	2	1	320	L	dry	$2,614,345	$100	$77
12	1	2	302b	S	wet	$855,696	$43	$134
12	1	2	302a	S	wet	$855,696	$43	$134
13	1	2	323	S	wet	$1,290,753	$43	$135
13	1	2	322	S	wet	$1,480,327	$49	$128
14	1	1	303	L	dry	$2,155,037	$51	$126
15	1	1	304	L	wet	$1,259,947	$74	$103
16	1	1	321	S	dry	$1,730,669	$60	$123
17	2	2	305	S	dry	$1,163,002	$61	$116
17	1	2	335	S	dry	$1,069,856	$56	$121
18	4	4	318b	S	wet	$1,058,131	$46	$174
18	4	4	318c	S	wet	$1,058,131	$46	$174
18	4	4	318a	S	wet	$1,058,131	$46	$174
18	4	4	473	S	wet	$812,829	$35	$185
TOTAL								
Average						$1,336,035	$56	$157
Minimum						$812,829	$27	$77
Maximum						$3,319,932	$100	$320
Median								

CEMENT KILNS

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

SYSTEM DATA

BASELINE BEQ

SUM OF BASELINE AND COMPLIANCE COSTS

Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	Site ID Number	System Size	Type of System	Short Term	Percentile Summary: Combustion Systems Below	Percentile Summary: Combustion Systems Above	Percentile Summary: Facilities Below Are All Systems?	Percentile Summary: Facilities Below Below Counter	Long Term	Percentile Summary: Combustion Systems Below	Percentile Summary: Combustion Systems Above	Percentile Summary: Facilities Below Are All Systems?	Percentile Summary: Facilities Below Below Counter	Total Baseline and Compliance Costs of HW burning ($/yr)	Total Baseline and Compliance Costs of HW burning ($/ton)	Total O&M Baseline and Compliance Costs of HW burning ($/yr)	Total O&M Baseli and Compliance Cost of HW burning ($/ton)
3	7	7.1	8	10	11	74.4	74.5	74.6	74.7	74.8	74.9	74.10	74.11	74.12	74.13	75	75.1	76	77
1	1	2	402	S	wet	1,324	0	1	no	0	2,267	0	1	no	0	$1,787,136	$152	$1,447,359	$123
1	1	2	401	S	wet	1,380	0	1	no	0	2,458	0	1	no	0	$1,809,451	$154	$1,423,852	$121
2	1	3	404	L	wet	1,808	0	1	no	0	3,471	0	1	no	0	$2,896,688	$165	$2,454,734	$140
2	1	3	403	S	wet	1,893	0	1	no	0	3,902	0	1	no	0	$2,236,010	$128	$1,684,045	$96
2	1	3	228	S	wet	1,833	0	1	no	0	3,683	0	1	no	0	$2,675,400	$153	$2,186,750	$124
3	1	1	319	L	wet	1,911	0	1	no	0	3,127	0	1	no	0	$5,156,392	$54	$4,779,872	$50
4	1	2	300	S	wet	3,126	0	1	no	0	5,636	0	1	no	0	$3,504,982	$77	$3,104,662	$68
4	1	2	491	S	wet	3,177	0	1	no	0	5,858	0	1	no	0	$3,419,742	$75	$2,989,823	$65
5	2	4	200	S	wet	3,005	0	1	no	0	5,201	0	1	no	0	$1,780,896	$89	$1,480,518	$74
5	2	4	681	S	wet	2,800	0	1	no	0	4,868	0	1	no	0	$3,477,007	$174	$3,172,234	$159
5	2	4	680	S	wet	2,818	0	1	no	0	4,902	0	1	no	0	$2,171,341	$109	$1,865,692	$94
5	2	4	201	S	wet	3,126	0	1	no	0	5,381	0	1	no	0	$1,819,559	$91	$1,523,918	$76
6	4	1	202	L	dry	4,409	0	1	no	0	7,539	0	1	no	0	$3,116,046	$167	$2,679,213	$143
7	1	1	203	L	wet	4,207	0	1	no	0	6,893	0	1	no	0	$2,840,080	$248	$2,461,741	$214
8	1	1	204	L	wet	4,238	0	1	no	0	8,004	0	1	no	0	$5,813,306	$78	$5,211,778	$70
9	1	2	206	L	wet	3,462	0	1	no	0	6,566	0	1	no	0	$2,281,230	$145	$1,809,351	$115
9	1	2	205	L	wet	3,304	0	1	no	0	5,573	0	1	no	0	$1,353,765	$86	$1,030,979	$66
10	1	2	207	S	wet	3,208	0	1	no	0	5,096	0	1	no	0	$2,049,071	$76	$1,786,243	$67
10	1	2	208	L	wet	3,308	0	1	no	0	5,891	0	1	no	0	$2,030,015	$76	$1,643,808	$61
11	2	1	320	L	dry	5,962	0	1	no	0	9,804	0	1	no	0	$4,483,600	$172	$4,098,583	$157
12	1	2	302b	S	wet	3,034	0	1	no	0	5,317	0	1	no	0	$1,538,859	$78	$1,176,763	$60
12	1	2	302a	S	wet	3,034	0	1	no	0	5,317	0	1	no	0	$1,538,859	$78	$1,176,763	$60
13	1	2	323	S	wet	3,215	0	1	no	0	5,646	0	1	no	0	$2,655,744	$88	$2,289,090	$76
13	1	2	322	S	wet	3,296	0	1	no	0	5,668	0	1	no	0	$2,140,883	$71	$1,798,829	$60
14	1	1	303	L	dry	4,570	0	1	no	0	8,248	0	1	no	0	$4,323,173	$103	$3,802,062	$91
15	1	1	304	L	wet	4,551	0	1	no	0	8,199	0	1	no	0	$3,237,670	$191	$2,722,460	$161
16	1	1	321	S	dry	4,193	0	1	no	0	6,987	0	1	no	0	$4,928,408	$171	$4,526,115	$157
17	2	2	305	S	dry	3,371	0	1	no	0	5,764	0	1	no	0	$3,519,237	$185	$3,180,458	$167
17	1	2	335	S	dry	3,097	0	1	no	0	4,943	0	1	no	0	$2,905,290	$153	$2,637,722	$139
18	4	4	318b	S	wet	2,277	0	1	no	0	4,236	0	1	no	0	$1,720,722	$74	$1,342,212	$58
18	4	4	318c	S	wet	2,277	0	1	no	0	4,236	0	1	no	0	$1,720,722	$74	$1,342,212	$58
18	4	4	318a	S	wet	2,277	0	1	no	0	4,236	0	1	no	0	$1,720,722	$74	$1,342,212	$58
18	4	4	473	S	wet	2,095	0	1	no	0	3,766	0	1	no	0	$1,418,438	$61	$1,078,915	$47
TOTAL							0 0%	100%	0%	0%		0%	100%	0%	0%			$77,230,967	
Average																	$117		
Minimum																	$54		
Maximum																	$246		
Median																	$91		
																	$91		
																	cement kilns		

CEMENT KILNS

CKOPT_MEDIAN

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

SYSTEM DATA

BASELINE EMPLOYMENT IMPACTS

Option: Rec(50%)

Price Pass-Through Assumed: 75%

Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	Site ID Number	System Size	Type of System	ST (low-end) FTEs Affected	ST (high-end) FTEs Affected	LT (low-end) FTEs Affected	LT (high-end) FTEs Affected
3	7	7.1	8	10	11	190	191	192	193
1	1	2	402	S	wet	0	0	0	0
1	1	2	401	S	wet	0	0	0	0
2	1	3	404	L	wet	0	0	0	0
2	1	3	403	S	wet	0	0	0	0
2	1	3	228	S	wet	0	0	0	0
3	1	1	319	L	wet	0	0	0	0
4	1	2	300	S	wet	0	0	0	0
4	1	2	491	S	wet	0	0	0	0
5	2	4	200	S	wet	0	0	0	0
5	2	4	681	S	wet	0	0	0	0
5	2	4	680	S	wet	0	0	0	0
5	2	4	201	S	wet	0	0	0	0
6	4	1	202	L	dry	0	0	0	0
7	1	1	203	L	wet	0	0	0	0
8	1	1	204	L	wet	0	0	0	0
9	1	2	206	L	wet	0	0	0	0
9	1	2	205	L	wet	0	0	0	0
10	1	2	207	S	wet	0	0	0	0
10	1	2	208	L	wet	0	0	0	0
11	2	1	320	L	dry	0	0	0	0
12	1	2	302b	S	wet	0	0	0	0
12	1	2	302a	S	wet	0	0	0	0
13	1	2	323	S	wet	0	0	0	0
13	1	2	322	S	wet	0	0	0	0
14	1	1	303	L	dry	0	0	0	0
15	1	1	304	L	wet	0	0	0	0
16	1	1	321	S	dry	0	0	0	0
17	2	2	305	S	dry	0	0	0	0
17	1	2	335	S	dry	0	0	0	0
18	4	4	318b	S	wet	0	0	0	0
18	4	4	318c	S	wet	0	0	0	0
18	4	4	318a	S	wet	0	0	0	0
18	4	4	473	S	wet	0	0	0	0
TOTAL						0	0	0	0
Average						0	0	0	0
Minimum						(ckuempl_bslowst)	(ckuempl_bshig	(ckuempl_bslowlt)	(ckuempl_bshiglt)
Maximum									
Median									

CEMENT KILNS

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

SYSTEM DATA

BASIC SCREENS

Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	Site ID Number	System Size	Type of System	New Compliance Costs as a Percent of Baseli Burning	Used for Percentile Summary Table <10%	10-20%	21-50%	51-75%	>75%	Total Baseline and Incremental Compliance Costs as Percent of HW Revenues	Baseline O&M and Incremental Compliance Costs as Percent of HW Revenues	Compliance Costs as Percent of Waste Burni Revenues	Used for Percentile Summary Table Not Burning	<10%	10-20%	21-50%	51-75%	>75%	Compliance Co as Percent of Waste Burning Operating Profit
3	7	7.1	8	10	11	78	79	80	81	82	83	84	85	88	89	90	90.1	90.2	91	92	93
1	1	2	402	S	wet	46%	0	0	1	0	0	38.5%	31.2%	12%	0	0	1	0	0	0	17%
1	1	2	401	S	wet	37%	0	0	1	0	0	39.0%	30.7%	11%	0	0	1	0	0	0	15%
2	1	3	404	L	wet	103%	0	0	0	0	1	56.2%	47.6%	29%	0	0	0	1	0	0	39%
2	1	3	403	S	wet	58%	0	0	0	1	0	43.4%	32.7%	16%	0	0	1	0	0	0	22%
2	1	3	228	S	wet	98%	0	0	0	0	1	51.9%	42.0%	26%	0	0	0	1	0	0	35%
3	1	1	319	L	wet	39%	0	0	1	0	0	15.9%	14.7%	4%	0	1	0	0	0	0	5%
4	1	2	300	S	wet	40%	0	0	1	0	0	39.4%	34.9%	11%	0	0	1	0	0	0	16%
4	1	2	491	S	wet	37%	0	0	1	0	0	38.5%	33.6%	10%	0	0	1	0	0	0	14%
5	2	4	200	S	wet	17%	0	1	0	0	0	50.3%	41.8%	7%	0	1	0	0	0	0	13%
5	2	4	681	S	wet	163%	0	0	0	0	1	98.2%	89.6%	61%	0	0	0	0	1	0	97%
5	2	4	680	S	wet	63%	0	0	0	1	0	61.3%	52.7%	24%	0	0	0	1	0	0	38%
5	2	4	201	S	wet	11%	0	1	0	0	0	51.4%	43.0%	5%	0	1	0	0	0	0	10%
6	4	1	202	L	dry	77%	0	0	0	0	1	93.8%	80.6%	41%	0	0	0	1	0	0	87%
7	1	1	203	L	wet	104%	0	0	0	0	1	138.7%	120.3%	71%	0	0	0	0	1	0	222%
8	1	1	204	L	wet	123%	0	0	0	0	1	44.2%	39.6%	24%	0	0	0	1	0	0	30%
9	1	2	206	L	wet	63%	0	0	0	1	0	81.7%	64.8%	32%	0	0	0	1	0	0	63%
9	1	2	205	L	wet	0%	1	0	0	0	0	48.5%	36.9%	0%	0	1	0	0	0	0	0%
10	1	2	207	S	wet	18%	0	1	0	0	0	43.1%	37.5%	7%	0	1	0	0	0	0	10%
10	1	2	208	L	wet	24%	0	0	1	0	0	42.7%	34.5%	8%	0	1	0	0	0	0	13%
11	2	1	320	L	dry	49%	0	0	1	0	0	96.9%	88.6%	32%	0	0	0	1	0	0	91%
12	1	2	302b	S	wet	26%	0	0	1	0	0	43.9%	33.6%	9%	0	1	0	0	0	0	14%
12	1	2	302a	S	wet	26%	0	0	1	0	0	43.9%	33.6%	9%	0	1	0	0	0	0	14%
13	1	2	323	S	wet	60%	0	0	0	1	0	49.7%	42.8%	19%	0	0	1	0	0	0	27%
13	1	2	322	S	wet	17%	0	1	0	0	0	40.0%	33.6%	6%	0	1	0	0	0	0	9%
14	1	1	303	L	dry	62%	0	0	0	1	0	58.0%	51.0%	22%	0	0	0	1	0	0	34%
15	1	1	304	L	wet	82%	0	0	0	0	1	107.5%	90.4%	49%	0	0	0	1	0	0	118%
16	1	1	321	S	dry	131%	0	0	0	0	1	93.2%	85.6%	53%	0	0	0	0	1	0	89%
17	2	2	305	S	dry	134%	0	0	0	0	1	104.1%	94.1%	60%	0	0	0	0	1	0	107%
17	1	2	335	S	dry	117%	0	0	0	0	1	86.0%	78.0%	46%	0	0	0	1	0	0	77%
18	4	4	318b	S	wet	20%	0	1	0	0	0	33.8%	26.4%	6%	0	1	0	0	0	0	8%
18	4	4	318c	S	wet	20%	0	1	0	0	0	33.8%	26.4%	6%	0	1	0	0	0	0	8%
18	4	4	318a	S	wet	20%	0	1	0	0	0	33.8%	26.4%	6%	0	1	0	0	0	0	8%
18	4	4	473	S	wet	23%	0	0	1	0	0	27.9%	21.2%	5%	0	1	0	0	0	0	7%
TOTAL							3%	21%	30%	15%	30%				0	39%	18%	30%	12%	0%	
Average																					
Minimum																					
Maximum																					
Median																					

FINAL DRAFT: July 1999

CEMENT KILNS [CKOPT_MEDIAN]

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

SYSTEM DATA | PRICES

Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	Site ID Number	System Size	Type of System	Weighted Average Price Currently Charged ($/ton)	Operating Profits as a % of Weight Average Price	Used for Percentile Summary Table <0%	0-10%	11-25%	26-50%	>50%	Amount Prices Would Need to Increase to Cover Baseline and Compliance Costs ($/ton)	Percentage Increase in Prices Required to Cover Baseline and Compliance Costs	Total New Price Required to Cover Costs ($/ton)
3	7	7.1	8	10	11	96	96.1	96.2	96.3	96.4	96.5	96.6	97	98	99
1	1	2	402	S	wet	$358	81%	0	0	0	0	1	($243)	-68%	$115
1	1	2	401	S	wet	$358	79%	0	0	0	0	1	($241)	-67%	$117
2	1	3	404	L	wet	$255	83%	0	0	0	0	1	($129)	-51%	$126
2	1	3	403	S	wet	$255	84%	0	0	0	0	1	($167)	-65%	$89
2	1	3	228	S	wet	$255	85%	0	0	0	0	1	($142)	-55%	$114
3	1	1	319	L	wet	$300	100%	0	0	0	0	1	($284)	-95%	$16
4	1	2	300	S	wet	$154	91%	0	0	0	0	1	($118)	-77%	$36
4	1	2	491	S	wet	$154	91%	0	0	0	0	1	($120)	-78%	$34
5	2	4	200	S	wet	$136	74%	0	0	0	0	1	($88)	-65%	$48
5	2	4	681	S	wet	$136	82%	0	0	0	0	1	($3)	-2%	$133
5	2	4	680	S	wet	$136	81%	0	0	0	0	1	($69)	-50%	$68
5	2	4	201	S	wet	$136	70%	0	0	0	0	1	($86)	-63%	$50
6	4	1	202	L	dry	$136	61%	0	0	0	0	1	($11)	-8%	$125
7	1	1	203	L	wet	$136	42%	0	0	0	1	0	$69	50%	$205
8	1	1	204	L	wet	$136	105%	0	0	0	0	1	($99)	-73%	$37
9	1	2	206	L	wet	$136	65%	0	0	0	0	1	($33)	-24%	$104
9	1	2	205	L	wet	$136	67%	0	0	0	0	1	($92)	-67%	$45
10	1	2	207	S	wet	$136	83%	0	0	0	0	1	($101)	-74%	$35
10	1	2	208	L	wet	$136	86%	0	0	0	0	1	($102)	-75%	$34
11	2	1	320	L	dry	$136	46%	0	0	0	1	0	($6)	-4%	$131
12	1	2	302b	S	wet	$136	85%	0	0	0	0	1	($100)	-73%	$37
12	1	2	302a	S	wet	$136	85%	0	0	0	0	1	($100)	-73%	$37
13	1	2	323	S	wet	$136	90%	0	0	0	0	1	($89)	-66%	$47
13	1	2	322	S	wet	$136	86%	0	0	0	0	1	($107)	-78%	$30
14	1	1	303	L	dry	$136	84%	0	0	0	0	1	($75)	-55%	$62
15	1	1	304	L	wet	$136	54%	0	0	0	0	1	$13	10%	$150
16	1	1	321	S	dry	$142	77%	0	0	0	0	1	($12)	-9%	$129
17	2	2	305	S	dry	$136	72%	0	0	0	0	1	$7	5%	$144
17	1	2	335	S	dry	$136	79%	0	0	0	0	1	($25)	-18%	$111
18	4	4	318b	S	wet	$181	87%	0	0	0	0	1	($146)	-80%	$36
18	4	4	318c	S	wet	$181	87%	0	0	0	0	1	($146)	-80%	$36
18	4	4	318a	S	wet	$181	87%	0	0	0	0	1	($146)	-80%	$36
18	4	4	473	S	wet	$181	94%	0	0	0	0	1	($159)	-88%	$23
TOTAL								0	0	0	2	31			
Average						$172									
Minimum															
Maximum															
Median						$132	83% (CK%PRFT_B)								

FINAL DRAFT: July 1999

CEMENT KILNS

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

SYSTEM DATA

STATIC BREAK-EVEN QUANTITIES (BEQ)

CAPACITY TO MEET STATIC BEQs

Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	Site ID Number	System Size	Type of System	Short Term Break-even Tons Required to Cover Compliance and O&M Baseline Costs (tons)	Long Term Break-even Tons Required to Cover Compliance and ALL Baseline Costs (tons)	At current prices, will systems need to increase the quantity of waste they burn in the SHORT TERM?	Percentile Summary: Below BEQ <20%	Percentile Summary: Below BEQ >20%	Percentile Summary: Above BEQ	At current prices, will systems need to increase the quantity of waste they burn in the LONG TERM?	Percentile Summary: Below BEQ <20%	Percentile Summary: Below BEQ >20%	Percentile Summary: Above BEQ	Short Term BEQ/Practical Capacity (tons)	Long Term BEQ/Practical Capacity (tons)	Do systems have the capacity to burn the SHORT TERM BEQ?	Do systems have the capacity to burn the LONG TERM BEQ?
3	7	7.1	8	10	11	100	101	102	103	104	105	106	107	108	109	110	111	112	113
1	1	2	402	S	wet	2,886	3,829	no	0	0	1	no	0	0	1	16%	22%	yes	yes
1	1	2	401	S	wet	2,750	3,829	no	0	0	1	no	0	0	1	16%	22%	yes	yes
2	1	3	404	L	wet	7,352	9,016	no	0	0	1	no	0	0	1	28%	34%	yes	yes
2	1	3	403	S	wet	4,885	6,894	no	0	0	1	no	0	0	1	19%	26%	yes	yes
2	1	3	226	S	wet	6,649	8,499	no	0	0	1	no	0	0	1	25%	32%	yes	yes
3	1	1	319	L	wet	6,625	7,841	no	0	0	1	no	0	0	1	5%	5%	yes	yes
4	1	2	300	S	wet	9,415	11,925	no	0	0	1	no	0	0	1	14%	17%	yes	yes
4	1	2	491	S	wet	8,896	11,577	no	0	0	1	no	0	0	1	13%	17%	yes	yes
5	2	4	200	S	wet	4,877	7,072	no	0	0	1	no	0	0	1	16%	24%	yes	yes
5	2	4	681	S	wet	17,436	19,504	no	0	0	1	no	0	0	1	58%	65%	yes	yes
5	2	4	680	S	wet	8,516	10,600	no	0	0	1	no	0	0	1	28%	35%	yes	yes
5	2	4	201	S	wet	4,550	6,808	no	0	0	1	no	0	0	1	15%	23%	yes	yes
6	4	1	202	L	dry	14,097	17,226	no	0	0	1	no	0	0	1	50%	61%	yes	yes
7	1	1	203	L	wet	14,470	17,157	yes	0	1	0	yes	0	1	0	84%	99%	yes	yes
8	1	1	204	L	wet	24,341	28,106	no	0	0	1	no	0	0	1	22%	25%	yes	yes
9	1	2	206	L	wet	9,254	12,359	no	0	0	1	no	0	0	1	39%	52%	yes	yes
9	1	2	205	L	wet	3,341	5,610	no	0	0	1	no	0	0	1	14%	24%	yes	yes
10	1	2	207	S	wet	5,444	7,332	no	0	0	1	no	0	0	1	14%	18%	yes	yes
10	1	2	208	L	wet	5,959	8,542	no	0	0	1	no	0	0	1	15%	21%	yes	yes
11	2	1	320	L	dry	20,773	24,615	no	0	0	1	no	0	0	1	53%	63%	yes	yes
12	1	2	302b	S	wet	5,058	7,340	no	0	0	1	no	0	0	1	17%	25%	yes	yes
12	1	2	302a	S	wet	5,058	7,340	no	0	0	1	no	0	0	1	17%	25%	yes	yes
13	1	2	323	S	wet	9,833	12,264	no	0	0	1	no	0	0	1	22%	27%	yes	yes
13	1	2	322	S	wet	5,504	7,876	no	0	0	1	no	0	0	1	12%	17%	yes	yes
14	1	1	303	L	dry	16,196	19,874	no	0	0	1	no	0	0	1	26%	32%	yes	yes
15	1	1	304	L	wet	14,908	18,556	no	0	0	1	yes	1	0	0	58%	73%	yes	yes
16	1	1	321	S	dry	23,609	26,404	no	0	0	1	no	0	0	1	54%	61%	yes	yes
17	2	2	305	S	dry	17,622	20,015	no	0	0	1	yes	1	0	0	82%	70%	yes	yes
17	1	2	335	S	dry	13,911	15,757	no	0	0	1	no	0	0	1	49%	55%	yes	yes
18	4	4	318b	S	wet	3,747	5,706	no	0	0	1	no	0	0	1	11%	16%	yes	yes
18	4	4	318c	S	wet	3,747	5,706	no	0	0	1	no	0	0	1	11%	16%	yes	yes
18	4	4	318a	S	wet	3,747	5,706	no	0	0	1	no	0	0	1	11%	16%	yes	yes
18	4	4	473	S	wet	3,405	5,075	no	0	0	1	no	0	0	1	10%	15%	yes	yes
									3%		97%		9%		91%				

TOTAL

Average
Minimum
Maximum
Median

FINAL DRAFT: July 1999

CEMENT KILNS

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> (Choices: Yes/No) N

SYSTEM DATA

PASS-THROUGH SCENARIO

DYNAMIC BREAK-EVEN QUANTITY ANALYSIS

Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	Site ID Number	System Size	Type of System	Pass Through Chosen 75%	Pass Through Scenario: 75% Short Term BEQ (tons)	Short Term BEQ % BEQ	Long Term BEQ (tons)	Long Term BEQ % BEQ
3	7	7.1	8	10	11	114	115	116	117	118
1	1	2	402	S	wet	$29	2,673	439%	3,546	331%
1	1	2	401	S	wet	$29	2,546	461%	3,544	331%
2	1	3	404	L	wet	$29	6,640	264%	8,142	215%
2	1	3	403	S	wet	$29	4,426	396%	6,246	280%
2	1	3	228	S	wet	$29	6,024	291%	7,700	228%
3	1	1	319	L	wet	$29	6,065	1583%	7,178	1338%
4	1	2	300	S	wet	$29	7,995	571%	10,127	451%
4	1	2	491	S	wet	$29	7,561	604%	9,839	464%
5	2	4	200	S	wet	$29	4,042	493%	5,862	340%
5	2	4	681	S	wet	$29	14,631	136%	16,366	122%
5	2	4	680	S	wet	$29	7,141	279%	8,888	224%
5	2	4	201	S	wet	$29	3,743	532%	5,599	356%
6	4	1	202	L	dry	$29	11,724	160%	14,327	131%
7	1	1	203	L	wet	$29	12,053	96%	14,290	81%
8	1	1	204	L	wet	$29	20,684	358%	23,883	310%
9	1	2	206	L	wet	$29	7,804	202%	10,422	151%
9	1	2	205	L	wet	$29	2,788	564%	4,681	336%
10	1	2	207	S	wet	$29	4,526	592%	6,095	440%
10	1	2	208	L	wet	$29	5,012	534%	7,185	373%
11	2	1	320	L	dry	$29	16,205	161%	19,202	136%
12	1	2	302b	S	wet	$29	4,294	460%	6,231	317%
12	1	2	302a	S	wet	$29	4,294	460%	6,231	317%
13	1	2	323	S	wet	$29	8,282	364%	10,329	292%
13	1	2	322	S	wet	$29	4,603	654%	6,586	457%
14	1	1	303	L	dry	$29	13,503	311%	16,570	253%
15	1	1	304	L	wet	$29	12,423	137%	15,463	110%
16	1	1	321	S	dry	$29	19,736	146%	22,071	131%
17	2	2	305	S	dry	$29	14,690	130%	16,685	114%
17	1	2	335	S	dry	$29	11,643	163%	13,187	144%
18	4	4	318b	S	wet	$29	3,265	709%	4,972	465%
18	4	4	318c	S	wet	$29	3,265	709%	4,972	465%
18	4	4	318a	S	wet	$29	3,265	709%	4,972	465%
18	4	4	473	S	wet	$29	2,985	775%	4,450	520%
TOTAL									$50,000	
Average										
Minimum										
Maximum										
Median										

CEMENT KILNS

CKOPT_MEDIAN

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> (Choices: Yes/No): N

SYSTEM DATA

CAPACITY CONSTRAINTS FOR CONSOLIDATION ROUTINE

Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	Site ID Number	System Size	Type of System	Practical Capacity (1996 tons)	Permitted Capacity 1995	Excess Capacity 1995	Minimum Capacity
3	7	7.1	8	10	11	186	187	188	189
1	1	2	402	S	wet	21,200		9,467	21,200
1	1	2	401	S	wet	21,200		9,467	21,200
2	1	3	404	L	wet	26,133		8,615	26,133
2	1	3	403	S	wet	26,133		8,615	26,133
2	1	3	228	S	wet	26,133		8,615	26,133
3	1	1	319	L	wet	125,000	120,000	23,988	120,000
4	1	2	300	S	wet	50,000	64,000	4,322	50,000
4	1	2	491	S	wet	50,000	64,000	4,322	50,000
5	2	4	200	S	wet	37,425		17,494	37,425
5	2	4	681	S	wet	37,425		17,494	37,425
5	2	4	680	S	wet	37,425		17,494	37,425
5	2	4	201	S	wet	37,425		17,494	37,425
6	4	1	202	L	dry	45,000	53,000	26,287	45,000
7	1	1	203	L	wet	36,000	60,000	24,474	36,000
8	1	1	204	L	wet	110,000	152,000	35,873	110,000
9	1	2	206	L	wet	45,000		29,274	45,000
9	1	2	205	L	wet	45,000		29,274	45,000
10	1	2	207	S	wet	31,100		4,311	31,100
10	1	2	208	L	wet	31,100		4,311	31,100
11	2	1	320	L	dry	52,000		25,941	52,000
12	1	2	302b	S	wet	40,000	30,000	10,256	30,000
12	1	2	302a	S	wet	40,000	30,000	10,256	30,000
13	1	2	323	S	wet	43,600		13,486	43,600
13	1	2	322	S	wet	43,600		13,486	43,600
14	1	1	303	L	dry	52,000	80,000	10,052	52,000
15	1	1	304	L	wet	64,000		47,039	64,000
16	1	1	321	S	dry	38,000		9,100	38,000
17	2	2	305	S	dry	24,000		4,971	24,000
17	1	2	335	S	dry	24,000		4,971	24,000
18	4	4	318b	S	wet	37,500		14,365	37,500
18	4	4	318c	S	wet	37,500		14,365	37,500
18	4	4	318a	S	wet	37,500		14,365	37,500
18	4	4	473	S	wet	37,500		14,365	37,500
TOTAL									
Average									
Minimum									
Maximum									
Median									

CEMENT KILNS

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

SYSTEM DATA

SHORT TERM CONSOLIDATION MODULE; pass through scenario: 75%

Pass Through: 75%

Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	Site ID Number	System Size	Type of System	Below Short Term BEQ	Facility Number	1st Iteration Status	1st Iteration Tons	1st Iteration Continue Consolid	Facility Number	2nd Iteration Status	2nd Iteration Tons	2nd Iteration Continue Consolid	Facility Number	3rd Iteration Status	3rd Iteration Tons	3rd Iteration Continue Consolid	Facility Number	4th Iteration Status	4th Iteration Tons	4th Iteration Continue Consolidation?
3	7	7.1	8	10	11	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135
1	1	2	402	S	wet	no	1	continue b	11,733	no	1		na	no			na	no			na	no
1	1	2	401	S	wet	no	1		11,733	no	1		na	no			na	no			na	no
2	1	3	404	L	wet	no	2	continue b	17,519	no	2	na	17,519	no		na	17,519	no			na	no
2	1	3	403	S	wet	no	2		17,519	no	2	continue b	17,519	no		na	17,519	no			na	no
2	1	3	228	S	wet	no	2		17,519	no	2		17,519	no		continue b	17,519	no			na	no
3	1	1	319	L	wet	no	3	only unit	96,012	no	3		na	no			na	no			na	no
4	1	2	300	S	wet	no	4	continue b	45,678	no	4		na	no			na	no			na	no
4	1	2	491	S	wet	no	4		45,678	no	4		na	no			na	no			na	no
5	2	4	200	S	wet	no	5	continue b	19,931	no	5	na	19,931	no		na	19,931	no		na	19,931	no
5	2	4	681	S	wet	no	5		19,931	no	5	continue b	19,931	no		na	19,931	no		na	19,931	no
5	2	4	680	S	wet	no	5		19,931	no	5		19,931	no		continue b	19,931	no		na	19,931	no
5	2	4	201	S	wet	no	5		19,931	no	5		19,931	no			19,931	no		continue burning	19,931	no
6	4	1	202	L	dry	no	6	only unit	18,713	no	6		na	no			na	no			na	no
7	1	1	203	L	wet	yes	7	only unit	0	no	7		na	no			na	no			na	no
8	1	1	204	L	wet	no	8	only unit	74,127	no	8		na	no			na	no			na	no
9	1	2	206	L	wet	no	9	continue b	15,727	no	9		na	no			na	no			na	no
9	1	2	205	L	wet	no	9		15,727	no	9		na	no			na	no			na	no
10	1	2	207	S	wet	no	10	continue b	26,790	no	10		na	no			na	no			na	no
10	1	2	208	L	wet	no	10		26,790	no	10		na	no			na	no			na	no
11	2	1	320	L	dry	no	11	only unit	26,059	no	11		na	no			na	no			na	no
12	1	2	302b	S	wet	no	12	continue b	19,744	no	12		na	no			na	no			na	no
12	1	2	302a	S	wet	no	12		19,744	no	12		na	no			na	no			na	no
13	1	2	323	S	wet	no	13	continue b	30,114	no	13		na	no			na	no			na	no
13	1	2	322	S	wet	no	13		30,114	no	13		na	no			na	no			na	no
14	1	1	303	L	dry	no	14	only unit	41,948	no	14		na	no			na	no			na	no
15	1	1	304	L	wet	no	15	only unit	16,961	no	15		na	no			na	no			na	no
16	1	1	321	S	dry	no	16	only unit	28,900	no	16		na	no			na	no			na	no
17	2	2	305	S	dry	no	17	continue b	19,029	no	17		na	no			na	no			na	no
17	1	2	335	S	dry	no	17		19,029	no	17		na	no			na	no			na	no
18	4	4	318b	S	wet	no	18	continue b	23,136	no	18	na	23,136	no		na	23,136	no		na	23,136	no
18	4	4	318c	S	wet	no	18		23,136	no	18	continue b	23,136	no		na	23,136	no		na	23,136	no
18	4	4	318a	S	wet	no	18		23,136	no	18		23,136	no		continue b	23,136	no		na	23,136	no
18	4	4	473	S	wet	no	18		23,136	no	18		23,136	no			23,136	no		continue burning	23,136	no

TOTAL

Average
Minimum
Maximum
Median

CEMENT KILNS

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

SYSTEM DATA

SHORT TERM CONSOLIDATION MODULE (Continued)

Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	Site ID Number	System Size	Type of System	Tons After Consolidation	Percent Short Ter BEQ	Facility Number	Combustio System Status	Systems that Stop Burning Waste (Percentile Summary) Above	0-20%	>20%	Number of FTEs Affected by System Closure	All Systems At Facility Stop Burning?	(low-end) Number of FTEs Affected by Facility Closure	(high-end) Number of FTEs Affected by Facilit Closure	Facilities that Stop Burning Waste (Percentile Summary)	Baseline Waste Diverted (No Consolidation)	Total Waste Diverted (After Consolidation)
3	7	7.1	8	10	11	136	137	138	139	140	141	142	142.2	143	143.2	143.3	144	144.2	145
1	1	2	402	S	wet	11,733	439%	1	continue bur	1	0	0	0	no	0	0	0	0	
1	1	2	401	S	wet	11,733	461%	1	continue bur	1	0	0	0	no	0	0	0	0	
2	1	3	404	L	wet	17,519	264%	2	continue bur	1	0	0	0	no	0	0	0	0	
2	1	3	403	S	wet	17,519	396%	2	continue bur	1	0	0	0	no	0	0	0	0	
2	1	3	228	S	wet	17,519	291%	2	continue bur	1	0	0	0	no	0	0	0	0	
3	1	1	319	L	wet	96,012	1583%	3	continue bur	1	0	0	0	no	0	0	0	0	
4	1	2	300	S	wet	45,678	571%	4	continue bur	1	0	0	0	no	0	0	0	0	
4	1	2	491	S	wet	45,678	604%	4	continue bur	1	0	0	0	no	0	0	0	0	
5	2	4	200	S	wet	19,931	493%	5	continue bur	1	0	0	0	no	0	0	0	0	
5	2	4	681	S	wet	19,931	136%	5	continue bur	1	0	0	0	no	0	0	0	0	
5	2	4	680	S	wet	19,931	279%	5	continue bur	1	0	0	0	no	0	0	0	0	
5	2	4	201	S	wet	19,931	532%	5	continue bur	1	0	0	0	no	0	0	0	0	
6	4	1	202	L	dry	18,713	160%	6	continue bur	1	0	0	0	no	0	0	0	0	
7	1	1	203	L	wet	0	0%	7	**stop burnin	0	0	1	16	yes	21	21	1	0	11,526
8	1	1	204	L	wet	74,127	358%	8	continue bur	1	0	0	0	no	0	0	0	0	
9	1	2	206	L	wet	15,727	202%	9	continue bur	1	0	0	0	no	0	0	0	0	
9	1	2	205	L	wet	15,727	564%	9	continue bur	1	0	0	0	no	0	0	0	0	
10	1	2	207	S	wet	26,790	592%	10	continue bur	1	0	0	0	no	0	0	0	0	
10	1	2	208	L	wet	26,790	534%	10	continue bur	1	0	0	0	no	0	0	0	0	
11	2	1	320	L	dry	26,059	161%	11	continue bur	1	0	0	0	no	0	0	0	0	
12	1	2	302b	S	wet	19,744	460%	12	continue bur	1	0	0	0	no	0	0	0	0	
12	1	2	302a	S	wet	19,744	460%	12	continue bur	1	0	0	0	no	0	0	0	0	
13	1	2	323	S	wet	30,114	364%	13	continue bur	1	0	0	0	no	0	0	0	0	
13	1	2	322	S	wet	30,114	654%	13	continue bur	1	0	0	0	no	0	0	0	0	
14	1	1	303	L	dry	41,948	311%	14	continue bur	1	0	0	0	no	0	0	0	0	
15	1	1	304	L	wet	16,961	137%	15	continue bur	1	0	0	0	no	0	0	0	0	
16	1	1	321	S	dry	28,900	146%	16	continue bur	1	0	0	0	no	0	0	0	0	
17	2	2	305	S	dry	19,029	130%	17	continue bur	1	0	0	0	no	0	0	0	0	
17	1	2	335	S	dry	19,029	163%	17	continue bur	1	0	0	0	no	0	0	0	0	
18	4	4	318b	S	wet	23,136	709%	18	continue bur	1	0	0	0	no	0	0	0	0	
18	4	4	318c	S	wet	23,136	709%	18	continue bur	1	0	0	0	no	0	0	0	0	
18	4	4	318a	S	wet	23,136	709%	18	continue bur	1	0	0	0	no	0	0	0	0	
18	4	4	473	S	wet	23,136	775%	18	continue bur	1	0	0	0	no	0	0	0	0	
TOTAL										97%	0%	3%	16		21	21	6%	0	11,526
Average													16		21	21			
Minimum													(ckuempl_st)		(ckuempl_lowst)	(ckuempl_higst)			
Maximum																			
Median																			

FINAL DRAFT: July 1999

CEMENT KILNS

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

SYSTEM DATA

LONG TERM CONSOLIDATION MODULE; pass through scenario: 75%

Pass Through: 75%

Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	Site ID Number	System Size	Type of System	Below Long Term BEQ	Facility Number	1st Iteration Status	1st Iteration Tons	1st Iteration Continue Consolidation?	Facility Number	2nd Iteration Status	2nd Iteration Tons	2nd Iteration Continue Consolidation?	Facility Number	3rd Iteration Status	3rd Iteration Tons	3rd Iteration Continue Consolidation?	Facility Number	4th Iteration Status	4th Iteration Tons	4th Iteration Continue Consolidation?
3	7	7.1	8	10	11	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162
1	1	2	402	S	wet	no	1	continue b	11,733	no	1		na	no			na	no			na	no
1	1	2	401	S	wet	no	1		11,733	no	1		na	no			na	no			na	no
2	1	3	404	L	wet	no	2	continue b	17,519	no	2	na	17,519	no		na	17,519	no			na	no
2	1	3	403	S	wet	no	2		17,519	no	2	continue b	17,519	no		na	17,519	no			na	no
2	1	3	228	S	wet	no	2		17,519	no	2		17,519	no		continue b	17,519	no			na	no
3	1	1	319	L	wet	no	3	only unit	96,012	no	3		na	no			na	no			na	no
4	1	2	300	S	wet	no	4	continue b	45,676	no	4		na	no			na	no			na	no
4	1	2	491	S	wet	no	4		45,676	no	4		na	no			na	no			na	no
5	2	4	200	S	wet	no	5	continue b	19,931	no	5	na	19,931	no		na	19,931	no		na	19,931	no
5	2	4	661	S	wet	no	5		19,931	no	5	continue b	19,931	no		na	19,931	no		na	19,931	no
5	2	4	680	S	wet	no	5		19,931	no	5		19,931	no		continue b	19,931	no		na	19,931	no
5	2	4	201	S	wet	no	5		19,931	no	5		19,931	no			19,931	no		continue burning	19,931	no
6	4	1	202	L	dry	no	6	only unit	18,713	no	6		na	no			na	no			na	no
7	1	1	203	L	wet	yes	7	only unit	0	no	7		na	no			na	no			na	no
8	1	1	204	L	wet	no	8	only unit	74,127	no	8		na	no			na	no			na	no
9	1	2	206	L	wet	no	9	continue b	15,727	no	9		na	no			na	no			na	no
9	1	2	205	L	wet	no	9		15,727	no	9		na	no			na	no			na	no
10	1	2	207	S	wet	no	10	continue b	26,790	no	10		na	no			na	no			na	no
10	1	2	208	L	wet	no	10		26,790	no	10		na	no			na	no			na	no
11	2	1	320	L	dry	no	11	only unit	26,059	no	11		na	no			na	no			na	no
12	1	2	302b	S	wet	no	12	continue b	19,744	no	12		na	no			na	no			na	no
12	1	2	302a	S	wet	no	12		19,744	no	12		na	no			na	no			na	no
13	1	2	323	S	wet	no	13	continue b	30,114	no	13		na	no			na	no			na	no
13	1	2	322	S	wet	no	13		30,114	no	13		na	no			na	no			na	no
14	1	1	303	L	dry	no	14	only unit	41,948	no	14		na	no			na	no			na	no
15	1	1	304	L	wet	no	15	only unit	16,961	no	15		na	no			na	no			na	no
16	1	1	321	S	dry	no	16	only unit.	28,900	no	16		na	no			na	no			na	no
17	2	2	305	S	dry	no	17	continue b	19,029	no	17		na	no			na	no			na	no
17	1	2	335	S	dry	no	17		19,029	no	17		na	no			na	no			na	no
18	4	4	318b	S	wet	no	18	continue b	23,136	no	18	na	23,136	no		na	23,136	no		na	23,136	no
18	4	4	318c	S	wet	no	18		23,136	no	18	continue b	23,136	no		na	23,136	no		na	23,136	no
18	4	4	318a	S	wet	no	18		23,136	no	18		23,136	no		continue b	23,136	no		na	23,136	no
18	4	4	473	S	wet	no	18		23,136	no	18		23,136	no			23,136	no		continue burning	23,136	no

TOTAL

Average
Minimum
Maximum
Median

CEMENT KILNS

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

SYSTEM DATA

LONG TERM CONSOLIDATION MODULE (Continued)

Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	Site ID Number	System Size	Type of System	Tons After Consolidation	Percent of Long Term BEQ	Facility Number	Combustion System Status	Percentile Summary: Above	Percentile Summary: 0-20%	Percentile Summary: >20%	Number of FTEs Affected by System Closure	All Systems At Facility Stop Burning?	(low-end) Number of FTEs Affected by Facility Closure	(high-end) Number of FTEs Affected by Facility Closure	Percentile Summary	Baseline Waste Diverted (No Consolidation)	Total Waste Diverted (After Consolidation)
3	7	7.1	8	10	11	163	164	165	166	167	168	169	142.2	170	170.1	170.2	171	144.2	172
1	1	2	402	S	wet	11,733	331%	1	continue burni	1	0	0	0	no	0	0	0	0	
1	1	2	401	S	wet	11,733	331%	1	continue burni	1	0	0	0	no	0	0	0	0	
2	1	3	404	L	wet	17,519	215%	2	continue burni	1	0	0	0	no	0	0	0	0	
2	1	3	403	S	wet	17,519	280%	2	continue burni	1	0	0	0	no	0	0	0	0	
2	1	3	228	S	wet	17,519	228%	2	continue burni	1	0	0	0	no	0	0	0	0	
3	1	1	319	L	wet	96,012	1338%	3	continue burni	1	0	0	0	no	0	0	0	0	
4	1	2	300	S	wet	45,878	451%	4	continue burni	1	0	0	0	no	0	0	0	0	
4	1	2	491	S	wet	45,878	464%	4	continue burni	1	0	0	0	no	0	0	0	0	
5	2	4	200	S	wet	19,931	340%	5	continue burni	1	0	0	0	no	0	0	0	0	
5	2	4	681	S	wet	19,931	122%	5	continue burni	1	0	0	0	no	0	0	0	0	
5	2	4	680	S	wet	19,931	224%	5	continue burni	1	0	0	0	no	0	0	0	0	
5	2	4	201	S	wet	19,931	356%	5	continue burni	1	0	0	0	no	0	0	0	0	
6	4	1	202	L	dry	18,713	131%	6	continue burni	1	0	0	0	no	0	0	0	0	11,526
7	1	1	203	L	wet	0	0%	7	**stop burning	0	0	1	16	yes	21	21	1	0	
8	1	1	204	L	wet	74,127	310%	8	continue burni	1	0	0	0	no	0	0	0	0	
9	1	2	208	L	wet	15,727	151%	9	continue burni	1	0	0	0	no	0	0	0	0	
9	1	2	205	L	wet	15,727	336%	9	continue burni	1	0	0	0	no	0	0	0	0	
10	1	2	207	S	wet	26,790	440%	10	continue burni	1	0	0	0	no	0	0	0	0	
10	1	2	206	L	wet	26,790	373%	10	continue burni	1	0	0	0	no	0	0	0	0	
11	2	1	320	L	dry	26,059	136%	11	continue burni	1	0	0	0	no	0	0	0	0	
12	1	2	302b	S	wet	19,744	317%	12	continue burni	1	0	0	0	no	0	0	0	0	
12	1	2	302a	S	wet	19,744	317%	12	continue burni	1	0	0	0	no	0	0	0	0	
13	1	2	323	S	wet	30,114	292%	13	continue burni	1	0	0	0	no	0	0	0	0	
13	1	2	322	S	wet	30,114	457%	13	continue burni	1	0	0	0	no	0	0	0	0	
14	1	1	303	L	dry	41,948	253%	14	continue burni	1	0	0	0	no	0	0	0	0	
15	1	1	304	L	wet	16,961	110%	15	continue burni	1	0	0	0	no	0	0	0	0	
16	1	1	321	S	dry	26,900	131%	16	continue burni	1	0	0	0	no	0	0	0	0	
17	2	2	305	S	dry	19,029	114%	17	continue burni	1	0	0	0	no	0	0	0	0	
17	1	2	335	S	dry	19,029	144%	17	continue burni	1	0	0	0	no	0	0	0	0	
18	4	4	318b	S	wet	23,136	465%	18	continue burni	1	0	0	0	no	0	0	0	0	
18	4	4	318c	S	wet	23,136	465%	18	continue burni	1	0	0	0	no	0	0	0	0	
18	4	4	318a	S	wet	23,136	465%	18	continue burni	1	0	0	0	no	0	0	0	0	
18	4	4	473	S	wet	23,136	520%	18	continue burni	1	0	0	0	no	0	0	0	0	
TOTAL										97%	0%	3%	16		21	21	6%	0	11,526
Average													16		21	21			
Minimum													(ckuempl_ll)		(ckuempl_lowll)	(ckuempl_highll)			
Maximum													(no longer in use 11/20/97)						
Median																			

CEMENT KILNS

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

SYSTEM DATA

TOTAL COSTS - SHORT TERM

Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	Site ID Number	System Size	Type of System	Compliance Costs for Systems Remaining Open	Variable Costs per Year for Systems Remaining Open	Total Baseline Costs for Systems Remaining Open	Cost of Diverting Wastes for Systems Closing	Total Compliance Costs for All Systems	Total Compliance Costs for Syste Remaining Open ($/ton)	Total Baseline Costs for Systems Remaining Open ($/ton)	Systems Remaining Open in the Short Term	Total O&M Baseline and Compliance Costs of HW burning for Systems Remaining Open ($/yr)	Total Compliance Costs for Systems Remaining Open ($/ton)	Total Baseline Costs for Systems Remaining Open ($/ton)
3	7	7.1	8	10	11	173	173.1	173.2	174	175	176	176.1	177	177.1	178	179
1	1	2	402	S	wet	$563,028	$406,985	$1,224,108	$0	$563,028	$48	$104	1	1,447,359	$48	$104
1	1	2	401	S	wet	$490,101	$440,206	$1,319,350	$0	$490,101	$42	$112	1	1,423,852	$42	$112
2	1	3	404	L	wet	$1,472,936	$501,587	$1,423,751	$0	$1,472,936	$84	$81	1	2,454,734	$84	$81
2	1	3	403	S	wet	$822,229	$341,651	$1,413,781	$0	$822,229	$47	$81	1	1,684,045	$47	$81
2	1	3	228	S	wet	$1,323,993	$338,773	$1,351,408	$0	$1,323,993	$76	$77	1	2,166,750	$76	$77
3	1	1	319	L	wet	$1,459,941	$2,728,038	$3,696,451	$0	$1,459,941	$15	$38	1	4,779,872	$15	$38
4	1	2	300	S	wet	$1,002,966	$1,603,229	$2,502,016	$0	$1,002,966	$22	$55	1	3,104,662	$22	$55
4	1	2	491	S	wet	$917,067	$1,563,320	$2,502,676	$0	$917,067	$20	$55	1	2,989,823	$20	$55
5	2	4	200	S	wet	$256,030	$813,401	$1,524,866	$0	$256,030	$13	$77	1	1,480,518	$13	$77
5	2	4	681	S	wet	$2,156,570	$603,135	$1,320,437	$0	$2,156,570	$108	$66	1	3,172,234	$108	$68
5	2	4	680	S	wet	$835,734	$616,705	$1,335,607	$0	$835,734	$42	$67	1	1,865,692	$42	$67
5	2	4	201	S	wet	$186,701	$927,527	$1,632,858	$0	$186,701	$9	$82	1	1,523,918	$9	$82
6	4	1	202	L	dry	$1,352,266	$711,420	$1,763,779	$0	$1,352,266	$72	$94	1	2,679,213	$72	$94
7	1	1	203	L	wet	$0	$0	$0	$0	$0	$0	$0	0	stop burning	stop burning	stop burning
8	1	1	204	L	wet	$3,211,611	$1,323,029	$2,601,695	$0	$3,211,611	$43	$35	1	5,211,778	$43	$35
9	1	2	206	L	wet	$880,474	$402,701	$1,400,756	$0	$880,474	$56	$89	1	1,809,351	$56	$89
9	1	2	205	L	wet	$5,311	$555,553	$1,348,454	$0	$5,311	$0	$86	1	1,030,979	$0	$86
10	1	2	207	S	wet	$311,267	$1,028,287	$1,737,804	$0	$311,267	$12	$65	1	1,786,243	$12	$65
10	1	2	208	L	wet	$396,334	$752,903	$1,633,682	$0	$396,334	$15	$61	1	1,643,808	$15	$61
11	2	1	320	L	dry	$1,484,238	$2,016,869	$2,999,362	$0	$1,484,238	$57	$115	1	4,098,583	$57	$115
12	1	2	302b	S	wet	$321,067	$374,302	$1,217,792	$0	$321,067	$16	$62	1	1,176,763	$16	$62
12	1	2	302a	S	wet	$321,067	$374,302	$1,217,792	$0	$321,067	$16	$62	1	1,176,763	$16	$62
13	1	2	323	S	wet	$998,338	$805,765	$1,657,407	$0	$998,338	$33	$55	1	2,289,090	$33	$55
13	1	2	322	S	wet	$318,501	$1,004,891	$1,822,381	$0	$318,501	$11	$61	1	1,798,829	$11	$61
14	1	1	303	L	dry	$1,647,025	$1,507,683	$2,676,148	$0	$1,647,025	$39	$64	1	3,802,062	$39	$64
15	1	1	304	L	wet	$1,462,512	$617,332	$1,775,158	$0	$1,462,512	$86	$105	1	2,722,460	$86	$105
16	1	1	321	S	dry	$2,795,446	$1,127,012	$2,132,962	$0	$2,795,446	$97	$74	1	4,526,115	$97	$74
17	2	2	305	S	dry	$2,017,455	$685,791	$1,501,782	$0	$2,017,455	$106	$79	1	3,180,458	$106	$79
17	1	2	335	S	dry	$1,567,865	$620,813	$1,337,425	$0	$1,567,865	$82	$70	1	2,637,722	$82	$70
18	4	4	318b	S	wet	$284,080	$618,142	$1,436,642	$0	$284,080	$12	$62	1	1,342,212	$12	$62
18	4	4	318c	S	wet	$284,080	$618,142	$1,436,642	$0	$284,080	$12	$62	1	1,342,212	$12	$62
18	4	4	318a	S	wet	$284,080	$618,142	$1,436,642	$0	$284,080	$12	$62	1	1,342,212	$12	$62
18	4	4	473	S	wet	$266,085	$386,977	$1,152,352	$0	$266,085	$12	$50	1	1,078,915	$12	$50
TOTAL										$31,696,400 (CKSAC)			32	74,769,226 (CKXAC)		
Average															$41 (CKTACPT_AC)	$72 (CKBASPT_AC)
Minimum										$990,513 (CKU)						
Maximum															$39 (CKMEDT_AC)	
Median																

CEMENT KILNS CKOPT_MEDIAN

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

SYSTEM DATA

REVENUES AND PROFITS - SHORT TERM

						After Consolidation					Before Consolidation	
Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	Site ID Number	System Size	Type of System	Weighted Average Px per ton for System Remaining Open (Excludes Energy Savings) ($/ton)	Total Average Revenues for Systems Remaining Open (Inc. Energy Svngs)	Total Average Revenues for Systems Remaining Open (Inc. Energy Energy Savings) ($/ton)	Weighted Average Px per ton for Systems Remaining Open (Includes Energy Savings)	Operating Profits per ton of Hazardous Waste Burned	Operating Profits per ton of Hazardous Waste Burned	Weighted Average Px per ton for Systems Remaining Open (Excludes Energy Savings)
3	7	7.1	8	10	11	179.1	180	181	182	183	184	185
1	1	2	402	S	wet	$358	$4,636,333	$395	$395	$272	$291	$358
1	1	2	401	S	wet	$358	$4,636,333	$395	$395	$270	$283	$358
2	1	3	404	L	wet	$255	$5,155,353	$294	$294	$158	$213	$255
2	1	3	403	S	wet	$255	$5,155,353	$294	$294	$196	$214	$255
2	1	3	228	S	wet	$255	$5,155,353	$294	$294	$171	$217	$255
3	1	1	319	L	wet	$300	$32,462,736	$338	$338	$314	$300	$300
4	1	2	300	S	wet	$154	$8,887,828	$195	$195	$147	$140	$154
4	1	2	491	S	wet	$154	$8,887,828	$195	$195	$149	$140	$154
5	2	4	200	S	wet	$136	$3,539,964	$178	$178	$118	$101	$136
5	2	4	681	S	wet	$136	$3,539,964	$178	$178	$33	$111	$136
5	2	4	680	S	wet	$136	$3,539,964	$178	$178	$98	$111	$136
5	2	4	201	S	wet	$136	$3,539,964	$178	$178	$116	$96	$136
6	4	1	202	L	dry	$136	$3,323,592	$178	$178	$41	$83	$136
7	1	1	203	L	wet	stop burning	$0	$0	stop burning	stop burning	stop burning	stop burning
8	1	1	204	L	wet	$136	$13,165,601	$178	$178	$129	$143	$136
9	1	2	206	L	wet	$136	$2,793,163	$178	$178	$62	$89	$136
9	1	2	205	L	wet	$136	$2,793,163	$178	$178	$121	$92	$136
10	1	2	207	S	wet	$136	$4,758,049	$178	$178	$131	$113	$136
10	1	2	208	L	wet	$136	$4,758,049	$178	$178	$131	$117	$136
11	2	1	320	L	dry	$136	$4,628,305	$178	$178	$35	$63	$136
12	1	2	302b	S	wet	$136	$3,506,706	$178	$178	$129	$116	$136
12	1	2	302a	S	wet	$136	$3,506,706	$178	$178	$129	$116	$136
13	1	2	323	S	wet	$136	$5,348,509	$178	$178	$119	$123	$136
13	1	2	322	S	wet	$136	$5,348,509	$178	$178	$136	$117	$136
14	1	1	303	L	dry	$136	$7,450,330	$178	$178	$104	$114	$136
15	1	1	304	L	wet	$136	$3,012,421	$178	$178	$16	$73	$136
16	1	1	321	S	dry	$142	$5,287,812	$183	$183	$42	$109	$142
17	2	2	305	S	dry	$136	$3,379,716	$178	$178	$22	$99	$136
17	1	2	335	S	dry	$136	$3,379,716	$178	$178	$54	$107	$136
18	4	4	318b	S	wet	$181	$5,088,899	$220	$220	$175	$158	$181
18	4	4	318c	S	wet	$181	$5,088,899	$220	$220	$175	$158	$181
18	4	4	318a	S	wet	$181	$5,088,899	$220	$220	$175	$158	$181
18	4	4	473	S	wet	$181	$5,088,899	$220	$220	$188	$170	$181

TOTAL

Average	$173 (CKWPXPT_AC)	Average weighted price per ton (Includes Energy Savings)>>>>>>>	$214 (CKREVPT_AC)		$173 (CKWPXPT_BC)
Minimum					
Maximum					
Median		Operating Profits per ton/% profits margin			
		Average >>>>>	64%	$130	$142 82%
		Median>>>>>	65%	$132	

FINAL DRAFT: July 1999

LIGHTWEIGHT AGGREGATE KILNS

DO NOT WRITE TO CELL I4 - ENTER OPTION
Option (case sensitive): Rec(50%)

Include CEM costs?>>>> N
(Choices: Yes/No)

SYSTEM DATA | TONS OF HAZARDOUS WASTE BURNED

Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	System Number	Size	Type of System	Hazardous Waste Burned (1995 BRS ton	Practical Capacity (1995/96 tons)	Capacity Utilization (1996)	Breakdown of Tons Burned (1995 tons) Liquids	Sludges	Solids	Unk.	Total
3	7	7.1	8	10	11	13	14	15	16	17	18	19	20
1	1	2	307	M		11,174	20,113	56%	11,174			0	11,174
1	1	2	479	M		11,174	20,113	56%	11,174			0	11,174
2	1	2	313	M		7,700	13,860	56%	7,700	0	0	0	7,700
2	1	2	314	M		7,700	13,860	56%	7,700	0	0	0	7,700
3	1	3	311	M		5,988	10,778	56%	5,988	0	0	0	5,988
3	1	3	312	M		5,988	10,778	56%	5,988	0	0	0	5,988
3	1	3	336	M		5,988	10,778	56%	5,988	0	0	0	5,988
4	1	1	225	M		8,820	15,876	56%	8,820	0	0	0	8,820
TOTAL													
Average													
Minimum													
Maximum													
Median													
									8,067	0	0		8,067
									100%	0%	0%		100%

Facility Number	System Number	Estimated Breakdown of Waste Burned (1995 tons) Liquids	Sludges	Solids	Unk.	Total	Percentile Summary of HW Burned: Systems (tons) =0	50-150	150-1,000	1,000-5,000	5,000-10,000	>=10,000	Facilities Tons = 0	Tons>0
3	8	21	22	23	24	25	25.1	25.1a	25.1b	25.1c	25.1d	25.1e	25.3	25.4
1	307	11,174	0	0		11,174	0	na	na	na	na	na	na	na
1	479	11,174	0	0		11,174	0	na	na	na	na	na	0	1
2	313	7,700	0	0		7,700	0	na	na	na	na	na	na	na
2	314	7,700	0	0		7,700	0	na	na	na	na	na	0	1
3	311	5,988	0	0		5,988	0	na	na	na	na	na	na	na
3	312	5,988	0	0		5,988	0	na	na	na	na	na	na	na
3	336	5,988	0	0		5,988	0	na	na	na	na	na	0	1
4	225	8,820	0	0		8,820	0	na	na	na	na	na	0	1
TOTAL		64532	0	0	0	64,532	0%						0%	100%
Average		100%	0%	0%	0%	8,067								
Minimum														
Maximum														
Median														
						80,665								

CALCULATIONS USED TO ESTIMATE QUANTITY OF EACH TYPE OF WASTE BURNED AT EACH FACILITY.
Facilities Represented:

SCALING FACTOR
(LWAKs)

Combustion systems included in the IEc analysis:	8
Number of facilities included in the IEc analysis:	4
Number of facilities in EER's list:	5
Average number of combustion systems per facility:	2.000
Estimated # of combustion systems not in IEc's analysis:	2.000
Total Universe of Combustion Systems (K87 + K91)	10
Total Number of systems in universe	10
Scaling factor to be used for national costs:	**1.25**

LIGHTWEIGHT AGGREGATE KILNS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs?>>>> N
(Choices: Yes/No)

SYSTEM DATA

HAZARDOUS WASTE REVENUES

Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	System Number	Size	Type of System	Revenues from HW burned ($/year)					Total Revenues Per Ton	Imputed Revenues ($/week)	Savings in Energy Costs from HW	
						Liquids	Sludges	Solids	Unk.	Total			($/yr)	($/ton)
3	7	7.1	8	10	11	26	27	28	29	30	31	32	33	34
1	1	2	307	M		$1,523,016	$0	$0	NA	$1,523,016	$136	$29,289	$729,785	$65
1	1	2	479	M		$1,523,016	$0	$0	NA	$1,523,016	$136	$29,289	$729,785	$65
2	1	2	313	M		$1,049,510	$0	$0	NA	$1,049,510	$136	$20,183	$502,895	$65
2	1	2	314	M		$1,049,510	$0	$0	NA	$1,049,510	$136	$20,183	$502,895	$65
3	1	3	311	M		$816,164	$0	$0	NA	$816,164	$136	$15,695	$391,082	$65
3	1	3	312	M		$816,164	$0	$0	NA	$816,164	$136	$15,695	$391,082	$65
3	1	3	336	M		$816,164	$0	$0	NA	$816,164	$136	$15,695	$391,082	$65
4	1	1	225	M		$1,202,166	$0	$0	NA	$1,202,166	$136	$23,119	$576,043	$65
TOTAL										$8,795,712			$4,214,650	
Average														$65
Minimum														
Maximum														
Median														

LIGHTWEIGHT AGGREGATE KILNS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Option Chosen: Rec(50%)

Include CEM costs?>>>> N
(Choices: Yes/No)

SYSTEM DATA

COMPLIANCE COSTS

Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	System Number	Size	Type of System	Compliance Costs: Annualized Capital	Compliance Costs: Annual Fixed O/M	Compliance Costs: Variable O/M	Compliance Costs: Total Annual	Permitting Costs	CEM Costs	Comp., Conf., DRE Testing Costs	Feed Control Costs
3	7	7.1	8	10	11	53	54	55	56	57	58	59	194
1	1	2	307	M		$109,906	$60,783	$9,168	$794,831	$5,000	$0	$4,156	$614,974
1	1	2	479	M		$60,439	$65,477	$10,250	$644,521	$5,000	$0	$4,156	$508,355
2	1	2	313	M		$51,001	$53,293	$6,717	$851,882	$5,000	$0	$4,156	$740,872
2	1	2	314	M		$51,894	$53,748	$5,810	$589,632	$5,000	$0	$4,156	$478,179
3	1	3	311	M		$55,822	$55,752	$8,253	$810,108	$5,000	$0	$4,156	$690,281
3	1	3	312	M		$57,374	$62,744	$7,636	$468,643	$5,000	$0	$4,156	$340,890
3	1	3	336	M		$0	$0	$0	$518,305	$5,000	$0	$4,156	$518,305
4	1	1	225	M		$52,272	$53,941	$6,083	$464,037	$5,000	$0	$4,156	$351,741
TOTAL						$438,708	$405,737	$53,917	$5,141,959	$40,000	$0		
Average													
Minimum													
Maximum								$405,737					
Median													

Note: Total Annual Compliance Costs Also Include Feed Control Costs.

FINAL DRAFT: July 1999

LIGHTWEIGHT AGGREGATE KILNS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs?>>>> N
(Choices: Yes/No)

SYSTEM DATA

COMPLIANCE COSTS, CONTINUED

Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	System Number	Size	Type of System	Incremental Quantity of Dry Residuals (tons/yr)	Residual Disposal Cost ($/yr)	Shutdown Analysis: Number of Weeks Required to Shutdown	Shutdown Analysis: HW burning Revenues Lost During Shutdown	Shutdown Analysis: Net Revenues Lost During Shutdown ($)	Shutdown Analysis: Annualization of Shutdown Costs ($/year)	Total Annual Compliance Costs	Total Annual Compliance Costs per Ton ($/ton)
3	7	7.1	8	10	11	59	60	61	62	63	64	65	66
1	1	2	307	M								$803,986	$72
1	1	2	479	M								$653,677	$58
2	1	2	313	M								$861,038	$112
2	1	2	314	M								$598,788	$78
3	1	3	311	M								$819,263	$137
3	1	3	312	M								$477,799	$80
3	1	3	336	M								$527,460	$88
4	1	1	225	M								$473,192	$54
TOTAL						$0					Named: LTAC	$5,215,203	$6,519,004
Average												$651,900	$85
Minimum												$473,192	$54
Maximum												$861,038	$137
Median												LMEDPT>>>>	$80

FINAL DRAFT: July 1999

LIGHTWEIGHT AGGREGATE KILNS

DO NOT WRITE TO CELL I4 - ENTER OPTION
Option (case sensitive): Rec(50%)

Include CEM costs?>>>> N
(Choices: Yes/No)

SYSTEM DATA

BASELINE COSTS OF BURNING HAZARDOUS WASTE

Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	System Number	Size	Type of System	Estimated Number of FTEs Per Comb. System	Estimated Number of FTEs Per Facility	Fixed Annual Capital Costs	Fixed O & M Costs	Variable Costs Per Ton	Variable Costs Per Year	Total Annual Baseline Costs	Total Annual Baseline Costs ($/ton)	Current Operating Profits ($/year)	Current Operating Profits ($/ton)	Baseline Scenario Distribution of Systems by Operating Profits				
																<$0	$0-50	$51-100	$101-150	>$150
3	7	7.1	8	10	11	67.2	67.3	68	69	70	71	72	72.1	73	74	74.a	74.b	74.c	74.d	74.e
1	1	2	307	M		3	2	$314,260	$488,705	$18.62	$208,064	$1,011,029	$90	$1,241,773	$111	0	0	0	1	0
1	1	2	479	M		3	2	$284,642	$477,458	$20.63	$230,566	$992,666	$89	$1,260,135	$113	0	0	0	1	0
2	1	2	313	M		3	2	$223,138	$454,137	$24.72	$190,355	$867,631	$113	$684,774	$89	0	0	1	0	0
2	1	2	314	M		3	2	$234,466	$458,398	$22.08	$170,020	$862,883	$112	$689,522	$90	0	0	1	0	0
3	1	3	311	M		2	2	$212,990	$418,836	$22.43	$134,330	$766,155	$128	$441,091	$74	0	0	1	0	0
3	1	3	312	M		2	2	$220,044	$421,009	$21.12	$126,491	$767,544	$128	$439,703	$73	0	0	1	0	0
3	1	3	336	M		2	2	$189,363	$410,004	$28.33	$169,643	$769,009	$128	$438,237	$73	0	0	1	0	0
4	1	1	225	M		7	5	$261,687	$565,880	$27.93	$246,312	$1,073,878	$122	$704,331	$80	0	0	1	0	0
TOTAL																0	0	6	2	0
Average													$114							
Minimum													$89							
Maximum													$128							
Median															$89 (LBASPRFT)					

median baseline operating profits per ton
from MEDIANPRFT macro

LIGHTWEIGHT AGGREGATE KILNS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs?>>>> N
(Choices: Yes/No)

SYSTEM DATA

BASELINE COSTS, con.

Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	System Number	Size	Type of System	Total Annual Baseline Costs (without capital costs) ($/year)	Total Annual Baseline Costs (without capital costs) ($/ton)	Current Operating Profits (without capital costs) ($/ton)
3	7	7.1	8	10	11	74.1	74.2	74.3
1	1	2	307	M		$696,768	$62	$139
1	1	2	479	M		$708,024	$63	$138
2	1	2	313	M		$644,493	$84	$118
2	1	2	314	M		$628,418	$82	$120
3	1	3	311	M		$553,165	$92	$109
3	1	3	312	M		$547,500	$91	$110
3	1	3	336	M		$579,647	$97	$105
4	1	1	225	M		$812,192	$92	$110
TOTAL								
Average						$646,276	$83	$119
Minimum						$547,500	$62	$105
Maximum						$812,192	$97	$139
Median								

LIGHTWEIGHT AGGREGATE KILNS

DO NOT WRITE TO CELL I4 - ENTER OPTIO

Option (case sensitive): Rec(50%)

Include CEM costs?>>>> N
(Choices: Yes/No)

SYSTEM DATA | BASELINE BEQ | SUM OF BASELINE AND COMPLIANCE COSTS

Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	System Number	Size	Type of System	Short Term	Percentile Summary: Combustion Systems Below	Percentile Summary: Combustion Systems Above	Percentile Summary: Facilities Below Are All Systems?	Percentile Summary: Facilities Below Facility Counter	Long Term	Percentile Summary: Combustion Systems Below	Percentile Summary: Combustion Systems Above	Percentile Summary: Facilities Below Are All Systems?	Percentile Summary: Facilities Below Below Counter	Total Baseline and Compliance Costs of HW burning ($/yr)	Total Baseline and Compliance Costs of HW burning ($/ton)	Total O&M Baseline and Compliance Costs of HW burning ($/yr)	Total O&M Baseline and Compliance Costs of HW burning ($/ton)
3	7	7.1	8	10	11	74.4	74.5	74.6	74.3	74.8	74.3	74.10	74.3	74.12	74.13	75	75.1	76	77
1	1	2	307	M		2,671	0	1	no	0	4,388	0	1	no	0	$1,815,015	$162	$1,500,754	$134
1	1	2	479	M		2,638	0	1	no	0	4,211	0	1	no	0	$1,646,343	$147	$1,361,701	$122
2	1	2	313	M		2,567	0	1	no	0	3,829	0	1	no	0	$1,728,668	$225	$1,505,530	$196
2	1	2	314	M		2,553	0	1	no	0	3,859	0	1	no	0	$1,461,671	$190	$1,227,205	$159
3	1	3	311	M		2,338	0	1	no	0	3,526	0	1	no	0	$1,585,419	$265	$1,372,429	$229
3	1	3	312	M		2,333	0	1	no	0	3,552	0	1	no	0	$1,245,342	$208	$1,025,299	$171
3	1	3	336	M		2,366	0	1	no	0	3,459	0	1	no	0	$1,296,470	$217	$1,107,107	$185
4	1	1	225	M		3,258	0	1	no	0	4,765	0	1	no	0	$1,547,071	$175	$1,285,384	$146
TOTAL							0												
							0%	100%	0%	0%		0%	100%	0%	0%				
Average																	$199		
Minimum																	$147		
Maximum																	$265		
Median																	$208		

LIGHTWEIGHT AGGREGATE KILNS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs?>>>> N
(Choices: Yes/No)

SYSTEM DATA

BASELINE EMPLOYMENT IMPACTS

Option: Rec(50%)

Price Pass-Through Assumed: 75%

Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	System Number	Size	Type of System	ST (low-end) FTEs Affected	ST (high-end) FTEs Affected	LT (low-end) FTEs Affected	LT (high-end) FTEs Affected
3	7	7.1	8	10	11				
1	1	2	307	M		0	0	0	0
1	1	2	479	M		0	0	0	0
2	1	2	313	M		0	0	0	0
2	1	2	314	M		0	0	0	0
3	1	3	311	M		0	0	0	0
3	1	3	312	M		0	0	0	0
3	1	3	336	M		0	0	0	0
4	1	1	225	M		0	0	0	0
TOTAL						0	0	0	0
Average						0	0	0	0
Minimum						(luempl_bslowst)	(luempl_bshigst)	(luempl_bslowlt)	(luempl_bshiglt)
Maximum									
Median									

LIGHTWEIGHT AGGREGATE KILNS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs?>>>> N
(Choices: Yes/No)

SYSTEM DATA

BASIC SCREENS

Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	System Number	Size	Type of System	New Compliance Costs as a Percentage of Baseline HW Burning Costs	Used for Percentile Summary Table					Total Baseline and Incremental Compliance Costs as Percent of HW Revenues	Baseline O&M and Incremental Compliance Costs as Percent of HW Revenues	Compliance Costs as Percent of Waste Burnin Revenues	Used for Percentile Summary Table						Compliance Costs as Percent of Waste Burning Operating Profits
							<10%	10-20%	21-50%	51-75%	>75%				Not Burning	<10%	10-20%	21-50%	51-75%	>75%	
3	7	7.1	8	10	11	78	79	80	81	82	83	84	85	88	89	90	90.1	90.2	91	92	93
1	1	2	307	M		80%	0	0	0	0	1	80.6%	66.6%	36%	0	0	0	1	0	0	65%
1	1	2	479	M		66%	0	0	0	1	0	73.1%	60.4%	29%	0	0	0	1	0	0	52%
2	1	2	313	M		99%	0	0	0	0	1	111.4%	97.0%	55%	0	0	0	0	1	0	126%
2	1	2	314	M		69%	0	0	0	1	0	94.2%	79.1%	39%	0	0	0	1	0	0	87%
3	1	3	311	M		107%	0	0	0	0	1	131.3%	113.7%	68%	0	0	0	0	1	0	186%
3	1	3	312	M		62%	0	0	0	1	0	103.2%	84.9%	40%	0	0	0	1	0	0	109%
3	1	3	336	M		69%	0	0	0	1	0	107.4%	91.7%	44%	0	0	0	1	0	0	120%
4	1	1	225	M		44%	0	0	1	0	0	87.0%	72.3%	27%	0	0	0	1	0	0	67%
TOTAL							0%	0%	13%	50%	38%				0	0%	0%	75%	25%	0%	
Average																					
Minimum																					
Maximum																					
Median																					

LIGHTWEIGHT AGGREGATE KILNS

DO NOT WRITE TO CELL I4 - ENTER OPTION #

Option (case sensitive): Rec(50%)

Include CEM costs?>>>> N
(Choices: Yes/No)

SYSTEM DATA

PRICES

Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	System Number	Size	Type of System	Weighted Average Price Currently Charged ($/ton)	Operating Profits as a % of Weighted Average Price	Used for Percentile Summary Table					Amount Prices Would Need to Increase to Cover Baseline and Compliance Costs ($/ton)	Percentage Increase in Prices Required to Cover Baseline and Compliance Costs	Total New Price Required to Cover Costs ($/ton)
								<0%	0-10%	11-25%	26-50%	>50%			
3	7	7.1	8	10	11	96	96.1	96.2	96.3	96.4	96.5	96.6	97	98	99
1	1	2	307	M		$136	82%	0	0	0	0	1	($39)	-29%	$97
1	1	2	479	M		$136	83%	0	0	0	0	1	($54)	-40%	$82
2	1	2	313	M		$136	65%	0	0	0	0	1	$23	17%	$159
2	1	2	314	M		$136	66%	0	0	0	0	1	($12)	-9%	$125
3	1	3	311	M		$136	54%	0	0	0	0	1	$63	46%	$199
3	1	3	312	M		$136	54%	0	0	0	0	1	$6	5%	$143
3	1	3	336	M		$136	54%	0	0	0	0	1	$15	11%	$151
4	1	1	225	M		$136	59%	0	0	0	0	1	($26)	-19%	$110
								1							
								1							
								1							
TOTAL								0	0	0	0	8			
Average						$136									
Minimum															
Maximum															
Median						$100	65% (L%PRFT_B)								

FINAL DRAFT: July 1999

LIGHTWEIGHT AGGREGATE KILNS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs?>>>> N
(Choices: Yes/No)

SYSTEM DATA						STATIC BREAK-EVEN QUANTITIES (BEQ)										CAPACITY TO MEET STATIC BEQs			
									Percentile Summary				Percentile Summary						
									Below BEQ		Above		Below BEQ		Above BEQ				
Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	System Number	Size	Type of System	Short Term Break-even Tons Required to Cover Compliance and O&M Baseline Costs (tons)	Long Term Break-even Tons Required to Cover Compliance and ALL Baseline Costs (tons)	At current prices, will Systems need to increase the quantity of waste they burn in the SHORT TERM?	<20%	>20%	BEQ	At current prices, will Systems need to increase the quantity of waste they burn in the LONG TERM?	<20%	>20%		Short Term BEQ/Practical Capacity (tons)	Long Term BEQ/Practical Capacity (tons)	Do systems have the capacity to burn the SHORT TERM BEQ?	Do systems have the capacity to burn the LONG TERM BEQ?
3	7	7.1	8	10	11	100	101	102	103	104	105	106	107	108	109	110	111	112	113
1	1	2	307	M		7,064	8,782	no	0	0	1	no	0	0	1	35%	44%	yes	yes
1	1	2	479	M		6,250	7,823	no	0	0	1	no	0	0	1	31%	39%	yes	yes
2	1	2	313	M		7,435	8,696	no	0	0	1	yes	1	0	0	54%	63%	yes	yes
2	1	2	314	M		5,889	7,195	no	0	0	1	no	0	0	1	42%	52%	yes	yes
3	1	3	311	M		6,910	8,099	yes	1	0	0	yes	0	1	0	64%	75%	yes	yes
3	1	3	312	M		4,980	6,199	no	0	0	1	yes	1	0	0	46%	58%	yes	yes
3	1	3	336	M		5,410	6,503	no	0	0	1	yes	1	0	0	50%	60%	yes	yes
4	1	1	225	M		5,983	7,489	no	0	0	1	no	0	0	1	38%	47%	yes	yes
TOTAL									13%		88%		50%		50%				
Average																			
Minimum																			
Maximum																			
Median																			

FINAL DRAFT: July 1999

LIGHTWEIGHT AGGREGATE KILNS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs?>>>> N
(Choices: Yes/No)

SYSTEM DATA

PASS-THROUGH SCENARIO

DYNAMIC BREAK-EVEN QUANTITY ANALYSIS

Pass Through Scenario: 75%

Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	System Number	Size	Type of System	Pass Through Chosen 75%	Short Term BEQ (tons)	Short Term BEQ % BEQ	Long Term BEQ (tons)	Long Term BEQ % BEQ
3	7	7.1	8	10	11	114	115	116	117	118
1	1	2	307	M		$29	6,120	183%	7,607	147%
1	1	2	479	M		$29	5,406	207%	6,767	165%
2	1	2	313	M		$29	6,411	120%	7,499	103%
2	1	2	314	M		$29	5,088	151%	6,216	124%
3	1	3	311	M		$29	5,969	100%	6,996	86%
3	1	3	312	M		$29	4,306	139%	5,360	112%
3	1	3	336	M		$29	4,652	129%	5,591	107%
4	1	1	225	M		$29	5,146	171%	6,442	137%

TOTAL

Average
Minimum
Maximum
Median

LIGHTWEIGHT AGGREGATE KILNS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs?>>>> N
(Choices: Yes/No)

SYSTEM DATA

CAPACITY CONSTRAINTS FOR CONSOLIDATION ROUTINE

Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	System Number	Size	Type of System	Practical Capacity (1996 tons)	Permitted Capacity 1995	Excess Capacity 1995	Min. Capacity
3	7	7.1	8	10	11	186	187	188	189
1	1	2	307	M		20,000	22,500	8,826	20,000
1	1	2	479	M		20,000	22,500	8,826	20,000
2	1	2	313	M		15,000		7,300	15,000
2	1	2	314	M		15,000		7,300	15,000
3	1	3	311	M		14,667		8,679	14,667
3	1	3	312	M		14,667		8,679	14,667
3	1	3	336	M		14,667		8,679	14,667
4	1	1	225	M		19,200		10,380	19,200

TOTAL

Average
Minimum
Maximum
Median

LIGHTWEIGHT AGGREGATE KILNS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs?>>>> N
(Choices: Yes/No)

SYSTEM DATA

SHORT TERM CONSOLIDATION MODULE; pass through scenario: 75%

Pass Through: 75%

Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	System Number	Size	Type of System	Below Short Term BEQ	Facility Number	1st Iteration Status	1st Iteration Tons	1st Iteration Continue Consolid	Facility Number	2nd Iteration Status	2nd Iteration Tons	2nd Iteration Continue Consolid	Facility Number	3rd Iteration Status	3rd Iteration Tons	3rd Iteration Continue Consolid	Facility Number	4th Iteration Status	4th Iteration Tons	4th Iteration Continue Consolidation?
3	7	7.1	8	10	11	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135
1	1	2	307	M		no	1	continue	11,174	no	1		na	no			na	no			na	no
1	1	2	479	M		no	1		11,174	no			na	no			na	no			na	no
2	1	2	313	M		no	2	continue	7,700	no	2		na	no			na	no			na	no
2	1	2	314	M		no	2		7,700	no			na	no			na	no			na	no
3	1	3	311	M		no	3	continue	5,988	no		na	5,988	no		na	5,988	no			na	no
3	1	3	312	M		no	3		5,988	no		continue b	5,988	no		na	5,988	no			na	no
3	1	3	336	M		no	3		5,988	no			5,988	no		continue	5,988	no			na	no
4	1	1	225	M		no	4	only unit	8,820	no			na	no			na	no			na	no

TOTAL

Average
Minimum
Maximum
Median

LIGHTWEIGHT AGGREGATE KILNS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs?>>>> N
(Choices: Yes/No)

SYSTEM DATA

SHORT TERM CONSOLIDATION MODULE (Continued)

Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	System Number	Size	Type of System	Tons After Consolidation	Percent of Short Term BEQ	Facility Number	Combust System Status	Percentile Summary			Number of FTEs Affected by Syste Closure	All Systems At Facility Stop Burning?	Number of FTEs Affected by Facility Closure (low-end)	Number of FTEs Affected by Facil Closure (high-end)	Percentile Summary	Baseline Waste Diverted (No Consolidati	Total Waste Diverted (After Consolida
										Above	0-20%	>20%							
3	7	7.1	8	10	11	136	137	138	139	140	141	142	142.2	143	143.2	144.3	144	144.2	145
1	1	2	307	M		11,174	183%	1	continue	1	0	0	0	no	0	0	0	0	
1	1	2	479	M		11,174	207%	1	continue	1	0	0	0	no	0	0	0	0	
2	1	2	313	M		7,700	120%	2	continue	1	0	0	0	no	0	0	0	0	
2	1	2	314	M		7,700	151%	2	continue	1	0	0	0	no	0	0	0	0	
3	1	3	311	M		5,988	100%	3	continue	1	0	0	0	no	0	0	0	0	
3	1	3	312	M		5,988	139%	3	continue	1	0	0	0	no	0	0	0	0	
3	1	3	336	M		5,988	129%	3	continue	1	0	0	0	no	0	0	0	0	
4	1	1	225	M		8,820	171%	4	continue	1	0	0	0	no	0	0	0	0	
TOTAL										100%	0%	0%	0		0	0	0%	0	0
Average													0		0	0			
Minimum													(luempl_st)		(luempl_lowst)	(luempl_higst)			
Maximum													(no longer in use 11/20/97)						
Median																			

LIGHTWEIGHT AGGREGATE KILNS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs?>>>> N
(Choices: Yes/No)

SYSTEM DATA

LONG TERM CONSOLIDATION MODULE; pass through scenario: 75%

Pass Through: 75%

Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	System Number	Size	Type of System	Below Long Term BEQ	Facility Number	1st Iteration Status	1st Iteration Tons	1st Iteration Continue Consolid	Facility Number	2nd Iteration Status	2nd Iteration Tons	2nd Iteration Continue Consolid	Facility Number	3rd Iteration Status	3rd Iteration Tons	3rd Iteration Continue Consolidation?	Facility Number	4th Iteration Status	4th Iteration Tons	4th Iteration Continue Consolidatio
3	7	7.1	8	10	11	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162
1	1	2	307	M		no	1	continue	11,174	no	1		na	no			na	no			na	no
1	1	2	479	M		no	1		11,174	no			na	no			na	no			na	no
2	1	2	313	M		no	2	continue	7,700	no	2		na	no			na	no			na	no
2	1	2	314	M		no	2		7,700	no			na	no			na	no			na	no
3	1	3	311	M		yes	3	consolidat	0	no		na	0	no		na	0	no			na	no
3	1	3	312	M		no	3		8,982	no		continue	8,982	no		na	8,982	no			na	no
3	1	3	336	M		no	3		8,982	no			8,982	no		continue	8,982	no			na	no
4	1	1	225	M		no	4	only unit	8,820	no			na	no			na	no			na	no

TOTAL

Average
Minimum
Maximum
Median

LIGHTWEIGHT AGGREGATE KILNS

DO NOT WRITE TO CELL I4 - ENTER OPTIO

Option (case sensitive): Rec(50%)

Include CEM costs?>>>> N
(Choices: Yes/No)

SYSTEM DATA

LONG TERM CONSOLIDATION MODULE (Continued)

Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	System Number	Size	Type of System	Tons After Consolidation	Percent Long Ter BEQ	Facility Number	System Status	Percentile Summary Above	Percentile Summary 0-20%	Percentile Summary >20%	Number of FTEs Affected by System Closure	All Systems At Facility Stop Burning?	(low-end) Number of FT Affected by F Closure	(high-end) Number of FTEs Affected by Facili Closure	Percentile Summary	Baseline Waste Diverted (No Consolidati	Total Waste Diverted (After Consolid
3	7	7.1	8	10	11	163	164	165	166	167	168	169	142.2	170	170.1	170.2	171	144.2	172
1	1	2	307	M		11,174	147%	1	continue bu	1	0	0	0	no	0	0	0	0	
1	1	2	479	M		11,174	165%	1	continue bu	1	0	0	0	no	0	0	0	0	
2	1	2	313	M		7,700	103%	2	continue bu	1	0	0	0	no	0	0	0	0	
2	1	2	314	M		7,700	124%	2	continue bu	1	0	0	0	no	0	0	0	0	
3	1	3	311	M		0	0%	3	**stop burni	0	0	1	2	no	0	2	0	0	5,988
3	1	3	312	M		8,982	168%	3	continue bu	1	0	0	0	no	0	0	0	0	(2,994)
3	1	3	336	M		8,982	161%	3	continue bu	1	0	0	0	no	0	0	0	0	(2,994)
4	1	1	225	M		8,820	137%	4	continue bu	1	0	0	0	no	0	0	0	0	
TOTAL										88%	0%	13%	2		0	2	0%	0	0
Average													3		0	3			
Minimum													(luempl_lt)		(luempl_lowlt)	(luempl_higlt)			
Maximum													(no longer in use 11/20/97)						
Median																			

FINAL DRAFT: July 1999

LIGHTWEIGHT AGGREGATE KILNS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs?>>>> N
(Choices: Yes/No)

SYSTEM DATA

TOTAL COSTS - SHORT TERM

Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	System Number	Size	Type of System	Compliance Costs for Systems Remaining Open	Variable Costs per Year for Systems Remaining Open	Total Baseline Costs for Systems Remaining Open	Cost of Diverting Wastes for Systems Closing	Total Compliance Costs for All Systems	Total Compliance Costs for System Remaining Open ($/ton)	Total Baseline Costs for Systems Remaining Open ($/ton)	Systems Remaining Open in the Short Term	Total O&M Baseline and Compliance Costs of HW burning for Systems Remaining Open ($/yr)	Total Compliance Costs for Systems Remaining Open ($/ton)	Total Baseline Costs for Systems Remaining Open ($/ton)
3	7	7.1	8	10	11	173	173.1	173.2	174	175	176	176.1	177	177.1	178	179
1	1	2	307	M		$803,986	$208,064	$1,011,029	$0	$803,986	$72	$90	1	1,500,754	$72	$90
1	1	2	479	M		$653,677	$230,566	$992,666	$0	$653,677	$58	$89	1	1,361,701	$58	$89
2	1	2	313	M		$861,038	$190,355	$867,631	$0	$861,038	$112	$113	1	1,505,530	$112	$113
2	1	2	314	M		$598,788	$170,020	$862,883	$0	$598,788	$78	$112	1	1,227,205	$78	$112
3	1	3	311	M		$819,263	$134,330	$766,155	$0	$819,263	$137	$128	1	1,372,429	$137	$128
3	1	3	312	M		$477,799	$126,491	$767,544	$0	$477,799	$80	$128	1	1,025,299	$80	$128
3	1	3	336	M		$527,460	$169,643	$769,009	$0	$527,460	$88	$128	1	1,107,107	$88	$128
4	1	1	225	M		$473,192	$246,312	$1,073,878	$0	$473,192	$54	$122	1	1,285,384	$54	$122
TOTAL										$5,215,203 (LSAC)			8	10,385,409 (LXAC)		
Average															$85 (LTACPT_AC)	$114 (LBASPT_AC)
Minimum										$651,900 (LU)					$80	
Maximum															$44	
Median																

LIGHTWEIGHT AGGREGATE KILNS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs?>>>> N
(Choices: Yes/No)

REVENUES AND PROFITS - SHORT TERM

SYSTEM DATA

						After Consolidation					Before Consolidation	
Facility Number	Units Per Combustion System	Number of Comb.Systems at Facility	System Number	Size	Type of System	Weighted Average Px per ton for Systems Remaining Open (Excludes Energy Savings) ($/ton)	Total Average Revenues for Systems Remaining Open (Inc. Energy Svngs)	Total Average Revenues for Systems Remaining Open (Inc. Energy Savings) ($/ton)	Weighted Average Px per ton for Systems Remaining Open (Includes Energy Savings)	Operating Profits per ton of Hazardous Waste Burned	Operating Profits per ton of Hazardous Waste Burned	Weighted Average Px per ton for Systems Remaining Open (Excludes Energy Savings)
3	7	7.1	8	10	11	179.1	180	181	182	183	184	185
1	1	2	307	M		$136	$2,252,801	$202	$202	$69	$111	$136
1	1	2	479	M		$136	$2,252,801	$202	$202	$84	$113	$136
2	1	2	313	M		$136	$1,552,405	$202	$202	$7	$89	$136
2	1	2	314	M		$136	$1,552,405	$202	$202	$41	$90	$136
3	1	3	311	M		$136	$1,207,247	$202	$202	($34)	$74	$136
3	1	3	312	M		$136	$1,207,247	$202	$202	$23	$73	$136
3	1	3	336	M		$136	$1,207,247	$202	$202	$15	$73	$136
4	1	1	225	M		$136	$1,778,209	$202	$202	$56	$80	$136

TOTAL

Average	$136 (LWPXPT_AC)	Average weighted price per ton (Includes Energy Savings)>>>>>>>	$202 (LREVPT_AC)		$136 (LWPXPT_BC)
Minimum					
Maximum					
Median					
		Operating Profits per ton/% profits margin			
		Average >>>>>	20%	$32	$88 64%
		Median>>>>>	20%	$32	

COMMERCIAL INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

SYSTEM DATA

TONS OF HAZARDOUS WASTE BURNED

Facility Number	Number of Units per Comb. System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	Hazardous Waste Burned (1995 BRS tons)	Practical Capacity (1995/96 tons)	Capacity Utilization (1996 %)	Breakdown of Tons Burned (1995 tons, with 1993 tons used as default)					Estimated Breakdown of Waste Burned (1995 tons)					Percentile Summary of HW Burned: Combustion Systems (tons)						Facilities	
									Liquids	Sludges	Solids	Unk.	Total	Liquids	Sludges	Solids	Unk.	Total	=0	50-150	150-1,000	1,000-5,000	5,000-10,000	>=10,000	Tons = 0	Tons>0
3	7	7.1	8	10	11	13	14	15	16	17	18	19	20	21	22	23	24	25	25.1	25.1a	25.1b	25.1c	25.1d	25.1e	25.3	25.4
1	1	1	324	M	other	206	371	56%	93	80	33	0	206	93	80	33		206	0	na	na	na	na	na	0	1
2	1	1	327	L	rotkiln	25,917	46,651	56%	9,943	2,751	12,738	485	25,917	10,133	2,803	12,981		25,917	0	na	na	na	na	na	0	1
3	1	1	325	M	rotkiln	9,378	16,880	56%	3,220	738	5,343	77	9,378	3,247	744	5,387		9,378	0	na	na	na	na	na	0	1
4	1	1	359	M	rotkiln	2,234	4,021	56%	1,941	0	292	1	2,234	1,942	0	292		2,234	0	na	na	na	na	na	0	1
5	1	2	486	NA	rotkiln	22,935	41,283	56%	8,131	1	14,012	792	22,935	8,422	1	14,513		22,935	0	na	na	na	na	na	0	1
5	1	2	487	NA	other	22,935	41,283	56%	8,131	1	14,012	792	22,935	8,422	1	14,513		22,935	0	na	na	na	na	na	0	1
6	1	1	601	NA	other	11,115	20,007	56%	1,994	472	8,643	6	11,115	1,995	472	8,648		11,115	0	na	na	na	na	na	0	1
7	1	1	603	NA	rotkiln	96,080	172,944	56%	32,569	2,186	61,124	201	96,080	32,637	2,191	61,252		96,080	0	na	na	na	na	na	0	1
8	1	3	210	L	rotkiln	11,774	21,193	56%	4,811	1,899	5,051	14	11,774	4,816	1,901	5,057		11,774	0	na	na	na	na	na	na	na
8	1	3	211	L	rotkiln	11,774	21,193	56%	4,811	1,899	5,051	14	11,774	4,816	1,901	5,057		11,774	0	na	na	na	na	na	na	na
8	1	3	212	L	rotkiln	11,774	21,193	56%	4,811	1,899	5,051	14	11,774	4,816	1,901	5,057		11,774	0	na	na	na	na	na	0	1
9	1	1	209	M	liqinj	22,412	40,342	56%	22,412	0	0	0	22,412	22,412	0	0		22,412	0	na	na	na	na	na	0	1
10	1	1	214	M	rotkiln	38,800	69,840	56%	29,184	1,640	3,733	4,243	38,800	32,767	1,841	4,191		38,800	0	na	na	na	na	na	0	1
11	1	1	609	L	rotkiln	68,799	123,838	56%	31,801	9,193	27,072	733	68,799	32,143	9,292	27,364		68,799	0	na	na	na	na	na	0	1
12	1	1	216	L	rotkiln	31,378	56,480	56%	25,650	4,244	1,484	0	31,378	25,650	4,244	1,484		31,378	0	na	na	na	na	na	0	1
13	1	1	331	L	rotkiln	33,670	60,606	56%	19,189	0	14,481	0	33,670	19,189	0	14,481		33,670	0	na	na	na	na	na	0	1
14	1	3	333a	L	rotkiln	9,195	16,552	56%	5,413	1	3,028	754	9,195	5,896	1	3,298		9,195	0	na	na	na	na	na	na	na
14	1	3	333b	L	rotkiln	9,195	16,552	56%	5,413	1	3,028	754	9,195	5,896	1	3,298		9,195	0	na	na	na	na	na	na	na
14	1	3	612	L	rotkiln	9,195	16,552	56%	5,413	1	3,028	754	9,195	5,896	1	3,298		9,195	0	na	na	na	na	na	0	1
15	1	1	222	L	rotkiln	51,916	93,449	56%	30,618	641	20,657	0	51,916	30,618	641	20,657		51,916	0	na	na	na	na	na	0	1
TOTAL														261807	28016	210860	0	500,682	0%						0%	107%
Average														52%	6%	42%	0%	25,034								
Minimum																										
Maximum																										
Median																										

CALCULATIONS USED TO ESTIMATE QUANTITY OF EACH TYPE OF WASTE BURNED AT EACH FACILITY.
Facilities Represented:

	12,777	1,382	10,393	24,553
	52%	6%	42%	100%

650,887

SCALING FACTOR
(Commercial Incinerators)

Combustion systems included in the IEc analysis:	20
Number of facilities included in the IEc analysis:	15
Number of facilities in EER's list:	20
Average number of combustion systems per facility:	1.333
Estimated # of combustion systems not in IEc's analysis:	6.667
[redacted]	[redacted]
Total number of systems in universe	26
Scaling factor to be used for national costs:	**1.30**

FINAL DRAFT: July 1999

COMMERCIAL INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION #

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

SYSTEM DATA

HAZARDOUS WASTE REVENUES

Facility Number	Number of Units per Comb. System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	Revenues from HW burned ($/year)					Total Revenues Per Ton	HW Imputed Revenues ($/week)	Savings in Energy Costs from HW	
						Liquids	Sludges	Solids	Unk.	Total			($/yr)	($/ton)
3	7	7.1	8	10	11	26	27	28	29	30	31	32	33	34
1	1	1	324	M	other	$23,557	$50,400	$42,273	NA	$116,230	$564	$2,235	NA	NA
2	1	1	327	L	rotkiln	$2,566,592	$1,766,182	$16,628,558	NA	$20,961,332	$809	$403,103	NA	NA
3	1	1	325	M	rotkiln	$822,378	$468,789	$6,901,045	NA	$8,192,213	$874	$157,543	NA	NA
4	1	1	359	M	rotkiln	$491,875	$0	$374,220	NA	$866,095	$388	$16,656	NA	NA
5	1	2	486	NA	rotkiln	$2,133,200	$326	$18,590,957	NA	$20,724,483	$904	$398,548	NA	NA
5	1	2	487	NA	other	$2,133,200	$326	$18,590,957	NA	$20,724,483	$904	$398,548	NA	NA
6	1	1	601	NA	other	$505,353	$297,521	$11,077,663	NA	$11,880,536	$1,069	$228,472	NA	NA
7	1	1	603	NA	rotkiln	$8,267,022	$1,380,067	$78,463,991	NA	$88,111,081	$917	$1,694,444	NA	NA
8	1	3	210	L	rotkiln	$1,219,958	$1,197,550	$6,477,423	NA	$8,894,931	$755	$171,056	NA	NA
8	1	3	211	L	rotkiln	$1,219,958	$1,197,550	$6,477,423	NA	$8,894,931	$755	$171,056	NA	NA
8	1	3	212	L	rotkiln	$1,219,958	$1,197,550	$6,477,423	NA	$8,894,931	$755	$171,056	NA	NA
9	1	1	209	M	liqinj	$5,676,960	$0	$0	NA	$5,676,960	$253	$109,172	NA	NA
10	1	1	214	M	rotkiln	$8,299,954	$1,160,059	$5,369,116	NA	$14,829,130	$382	$285,176	NA	NA
11	1	1	609	L	rotkiln	$8,141,939	$5,853,959	$35,052,691	NA	$49,048,590	$713	$943,242	NA	NA
12	1	1	216	L	rotkiln	$6,497,145	$2,673,720	$1,901,004	NA	$11,071,869	$353	$212,921	NA	NA
13	1	1	331	L	rotkiln	$4,860,574	$0	$18,550,161	NA	$23,410,735	$695	$450,206	NA	NA
14	1	3	333a	L	rotkiln	$1,463,567	$630	$4,140,192	NA	$6,205,333	$675	$119,333	NA	NA
14	1	3	333b	L	rotkiln	$1,463,567	$630	$4,140,192	NA	$6,205,333	$675	$119,333	NA	NA
14	1	3	612	L	rotkiln	$1,463,567	$630	$4,140,192	NA	$6,205,333	$675	$119,333	NA	NA
15	1	1	222	L	rotkiln	$7,755,539	$403,830	$26,461,617	NA	$34,620,986	$667	$665,788	NA	NA
TOTAL										$355,535,515			$0	
Average														$0
Minimum														
Maximum														
Median														

COMMERCIAL INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION #

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

Option Chosen: Rec(50%)

SYSTEM DATA

COMPLIANCE COSTS

Facility Number	Number of Units per Comb. System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	Compliance Costs: Annualized Capital	Compliance Costs: Annual Fixed O/M	Compliance Costs: Variable O/M	Compliance Costs: Total Annual	Permitting Costs	CEM Costs	Comp., Conf., DRE Testing Costs	Feed Control Costs
3	7	7.1	8	10	11	53	54	55	56	57	58	59	194
1	1	1	324	M	other	$90,544	$262,568	$3,399	$479,410	$5,000	$0	$5,489	$122,899
2	1	1	327	L	rotkiln	$48,787	$52,163	$2,322	$353,754	$5,000	$0	$2,994	$250,481
3	1	1	325	M	rotkiln	$43,113	$49,270	$2,235	$330,051	$5,000	$0	$8,145	$235,433
4	1	1	359	M	rotkiln	$93,720	$277,759	$32,376	$624,858	$5,000	$0	$4,791	$221,003
5	1	2	486	NA	rotkiln	$15,187	$0	$21,316	$36,502	$5,000	$0	$4,791	$0
5	1	2	487	NA	other	$38,074	$144,956	$12,950	$195,979	$5,000	$0	$2,994	$0
6	1	1	601	NA	other	$142,562	$109,814	$7,565	$259,942	$5,000	$0	$2,994	$0
7	1	1	603	NA	rotkiln	$0	$0	$0	$872,372	$5,000	$0	$2,994	$872,372
8	1	3	210	L	rotkiln	$61,006	$58,395	$2,599	$613,688	$5,000	$0	$2,994	$491,688
8	1	3	211	L	rotkiln	$52,657	$61,684	$6,404	$374,654	$5,000	$0	$2,994	$253,908
8	1	3	212	L	rotkiln	$89,550	$54,338	$3,462	$246,636	$5,000	$0	$2,994	$99,285
9	1	1	209	M	liqinj	$72,822	$101,433	$25,778	$254,119	$5,000	$0	$4,791	$54,086
10	1	1	214	M	rotkiln	$35,326	$0	$5,159	$72,072	$5,000	$0	$4,791	$31,587
11	1	1	609	L	rotkiln	$43,787	$0	$82,703	$337,860	$5,000	$0	$2,994	$211,369
12	1	1	216	L	rotkiln	$23,026	$0	$104,538	$227,122	$5,000	$0	$5,489	$99,559
13	1	1	331	L	rotkiln	$21,569	$0	$8,839	$255,997	$5,000	$0	$2,994	$225,589
14	1	3	333a	L	rotkiln	$44,281	$49,865	$1,287	$503,567	$5,000	$0	$8,145	$408,134
14	1	3	333b	L	rotkiln	$44,281	$49,865	$1,287	$503,567	$5,000	$0	$8,145	$408,134
14	1	3	612	L	rotkiln	$35,593	$45,434	$1,686	$95,820	$5,000	$0	$8,842	$13,107
15	1	1	222	L	rotkiln	$0	$0	$0	$0	$5,000	$0	$6,347	$0
TOTAL						$995,886	$1,317,544	$325,905	$6,637,970	$100,000	$0		
Average								$16,295	$331,898				
Minimum													
Maximum								$1,317,544					
Median													

Note: Total Annual Compliance Costs Also Include Feed Control Costs.

FINAL DRAFT: July 1999

COMMERCIAL INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION #

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

SYSTEM DATA

COMPLIANCE COSTS, CONTINUED

Facility Number	Number of Units per Comb. System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	Incremental Quantity of Dry Residuals (tons/yr)	Residual Disposal Cost ($/yr)	Shutdown Analysis: Number of Weeks Required to Shutdown	Shutdown Analysis: HW burning Revenues Lost During Shutdown	Shutdown Analysis: Net Revenues Lost During Shutdown ($)	Shutdown Analysis: Annualization of Shutdown Costs ($/year)	Total Annual Compliance Costs	Total Annual Compliance Costs per Ton ($/ton)
3	7	7.1	8	10	11	59	60	61	62	63	64	65	66
1	1	1	324	M	other							$489,898	$2,378
2	1	1	327	L	rotkiln							$361,748	$14
3	1	1	325	M	rotkiln							$343,196	$37
4	1	1	359	M	rotkiln							$634,650	$284
5	1	2	486	NA	rotkiln							$46,294	$2
5	1	2	487	NA	other							$203,973	$9
6	1	1	601	NA	other							$267,936	$24
7	1	1	603	NA	rotkiln							$880,366	$9
8	1	3	210	L	rotkiln							$621,682	$53
8	1	3	211	L	rotkiln							$382,648	$33
8	1	3	212	L	rotkiln							$254,630	$22
9	1	1	209	M	liqinj							$263,911	$12
10	1	1	214	M	rotkiln							$81,864	$2
11	1	1	609	L	rotkiln							$345,854	$5
12	1	1	216	L	rotkiln							$237,611	$8
13	1	1	331	L	rotkiln							$263,991	$8
14	1	3	333a	L	rotkiln							$516,712	$56
14	1	3	333b	L	rotkiln							$516,712	$56
14	1	3	612	L	rotkiln							$109,663	$12
15	1	1	222	L	rotkiln							$11,347	$0
TOTAL						$0					Named: CITAC	$6,834,682	$8,885,087
Average												$341,734	$151
Minimum												$11,347	$0
Maximum												$880,366	$2,378
Median												CIMEDPT>>>	$14

COMMERCIAL INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

SYSTEM DATA

BASELINE COSTS OF BURNING HAZARDOUS WASTE

Facility Number	Number of Units per Comb. System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	Estimated Number of FTEs Per System	Estimated Number of FTEs Per Facility	Fixed Annual Capital Costs	Fixed O & M Costs	Variable Costs Per Ton	Variable Costs Per Year	Total Annual Baseline Costs	Total Annual Baseline Costs ($/ton)	Current Operating Profits ($/year)	Current Operating Profits ($/ton)	Baseline Scenario Distribution of Combustion Systems by Operating Profits				
																<$0	$0-50	$51-100	$101-150	>$150
3	7	7.1	8	10	11	67.2	67.3	$68	$69	$70	71	72	72.1	73	74	74.a	74.b	74.c	74.d	74.e
1	1	1	324	M	other	23	7	$437,841	$864,210	$376.37	$77,533	$1,379,584	$6,697	($1,263,354)	($6,133)	1	0	0	0	0
2	1	1	327	L	rotkiln	26	8	$2,026,535	$1,604,338	$63.57	$1,647,526	$5,278,399	$204	$15,682,932	$605	0	0	0	0	1
3	1	1	325	M	rotkiln	23	7	$1,470,749	$1,351,894	$337.54	$3,165,442	$5,988,085	$639	$2,204,128	$235	0	0	0	0	1
4	1	1	359	M	rotkiln	23	7	$1,016,258	$1,107,039	$167.05	$373,180	$2,496,478	$1,117	($1,630,383)	($730)	1	0	0	0	0
5	1	2	486	NA	rotkiln	21	4	$1,445,444	$1,119,124	$44.24	$1,014,545	$3,579,113	$156	$17,145,371	$748	0	0	0	0	1
5	1	2	487	NA	other	22	4	$2,031,583	$1,324,644	$32.95	$755,770	$4,111,997	$179	$16,612,486	$724	0	0	0	0	1
6	1	1	601	NA	other	26	8	$2,559,969	$1,732,800	$184.13	$2,046,625	$6,339,393	$570	$5,541,143	$499	0	0	0	0	1
7	1	1	603	NA	rotkiln	26	8	$2,399,934	$1,654,561	$33.56	$3,224,285	$7,278,781	$76	$80,832,300	$841	0	0	0	0	1
8	1	3	210	L	rotkiln	21	3	$1,993,523	$1,370,043	$143.99	$1,695,259	$5,058,824	$430	$3,836,106	$326	0	0	0	0	1
8	1	3	211	L	rotkiln	21	3	$1,300,319	$1,086,939	$193.65	$2,279,927	$4,667,185	$396	$4,227,746	$359	0	0	0	0	1
8	1	3	212	L	rotkiln	21	3	$1,332,346	$1,101,381	$280.24	$3,299,429	$5,733,156	$487	$3,161,775	$269	0	0	0	0	1
9	1	1	209	M	liqinj	12	6	$775,452	$1,009,557	$134.38	$3,011,761	$4,796,770	$214	$880,190	$39	0	1	0	0	0
10	1	1	214	M	rotkiln	23	7	$1,798,202	$1,374,181	$151.99	$5,897,155	$9,069,537	$234	$5,759,592	$148	0	0	0	1	0
11	1	1	609	L	rotkiln	26	8	$3,141,895	$1,874,319	$51.30	$3,529,557	$8,545,771	$124	$40,502,819	$589	0	0	0	0	1
12	1	1	216	L	rotkiln	23	7	$1,923,760	$1,414,240	$174.27	$5,468,317	$8,806,317	$281	$2,265,552	$72	0	0	1	0	0
13	1	1	331	L	rotkiln	26	8	$1,938,621	$1,488,149	$163.45	$5,503,414	$8,930,184	$265	$14,480,551	$430	0	0	0	0	1
14	1	3	333a	L	rotkiln	20	2	$1,250,002	$998,714	$51.53	$473,874	$2,722,589	$296	$3,482,744	$379	0	0	0	0	1
14	1	3	333b	L	rotkiln	20	2	$1,250,002	$998,714	$51.53	$473,874	$2,722,589	$296	$3,482,744	$379	0	0	0	0	1
14	1	3	612	L	rotkiln	20	2	$894,019	$865,107	$85.02	$781,779	$2,540,904	$276	$3,664,429	$399	0	0	0	0	1
15	1	1	222	L	rotkiln	26	8	$2,395,009	$1,788,557	$142.61	$7,403,559	$11,587,124	$223	$23,033,863	$444	0	0	0	0	1
TOTAL																2	1	1	1	15
Average													$658							
Minimum													$76							
Maximum													$6,697							
Median															$379 (CIBASPRFT)					

median baseline operating profits per ton from MEDIANPRFT macro

COMMERCIAL INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

SYSTEM DATA

BASELINE COSTS, con.

Facility Number	Number of Units per Comb. System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	Total Annual Baseline Costs (without capital costs) ($/year)	Total Annual Baseline Costs (without capital costs) ($/ton)	Current Operating Profits (without capital costs) ($/ton)
3	7	7.1	8	10	11	74.1	74.2	74.3
1	1	1	324	M	other	$941,743	$4,572	($4,007)
2	1	1	327	L	rotkiln	$3,251,864	$125	$683
3	1	1	325	M	rotkiln	$4,517,335	$482	$392
4	1	1	359	M	rotkiln	$1,480,220	$663	($275)
5	1	2	486	NA	rotkiln	$2,133,669	$93	$811
5	1	2	487	NA	other	$2,080,414	$91	$813
6	1	1	601	NA	other	$3,779,425	$340	$729
7	1	1	603	NA	rotkiln	$4,878,847	$51	$866
8	1	3	210	L	rotkiln	$3,065,302	$260	$495
8	1	3	211	L	rotkiln	$3,366,866	$286	$470
8	1	3	212	L	rotkiln	$4,400,809	$374	$382
9	1	1	209	M	liqinj	$4,021,318	$179	$74
10	1	1	214	M	rotkiln	$7,271,335	$187	$195
11	1	1	609	L	rotkiln	$5,403,876	$79	$634
12	1	1	216	L	rotkiln	$6,882,557	$219	$134
13	1	1	331	L	rotkiln	$6,991,563	$208	$488
14	1	3	333a	L	rotkiln	$1,472,587	$160	$515
14	1	3	333b	L	rotkiln	$1,472,587	$160	$515
14	1	3	612	L	rotkiln	$1,646,885	$179	$496
15	1	1	222	L	rotkiln	$9,192,115	$177	$490
TOTAL								
Average						$3,912,566	$444	$245
Minimum						$941,743	$51	($4,007)
Maximum						$9,192,115	$4,572	$866
Median								

COMMERCIAL INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

SYSTEM DATA | BASELINE BEQ | SUM OF BASELINE AND COMPLIANCE COSTS

Facility Number	Number of Units per Comb. System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	Short Term	Percentile Summary: Comb.Systems Below	Percentile Summary: Comb.Systems Above	Percentile Summary: Facilities Below Are All Systems?	Percentile Summary: Facilities Below Below C	Long Term	Percentile Summary: Comb.Systems Below	Percentile Summary: Comb.Systems Above	Percentile Summary: Facilities Below Are All Systems?	Percentile Summary: Facilities Below Below Counter	Total Baseline and Compliance Costs of HW burning ($/yr)	Total Baseline and Compliance Costs of HW burning ($/ton)	Total O&M Baseline and Compliance Costs of HW burning ($/yr)	Total O&M Baseline and Compliance Costs of HW burning ($/ton)
3	7	7.1	8	10	11	74.4	74.5	74.6	74.3	74.8	74.3	74.10	74.3	74.12	74.13	75		76	77
1	1	1	324	M	other	4,601	1	0	yes	1	6,931	1	0	yes	1	$1,869,483	$9,075	$1,431,642	$6,950
2	1	1	327	L	rotkiln	2,153	0	1	no	0	4,872	0	1	no	0	$5,640,147	$218	$3,613,612	$139
3	1	1	325	M	rotkiln	2,522	0	1	no	0	5,266	0	1	no	0	$6,331,280	$675	$4,860,531	$518
4	1	1	359	M	rotkiln	5,017	1	0	yes	1	9,623	1	0	yes	1	$3,131,127	$1,402	$2,114,869	$947
5	1	2	486	NA	rotkiln	1,302	0	1	no	0	2,984	0	1	no	0	$3,625,406	$158	$2,179,962	$95
5	1	2	487	NA	other	1,521	0	1	no	0	3,855	0	1	no	0	$4,315,969	$188	$2,284,387	$100
6	1	1	601	NA	other	1,959	0	1	no	0	4,852	0	1	no	0	$6,607,329	$594	$4,047,360	$364
7	1	1	603	NA	rotkiln	1,873	0	1	no	0	4,589	0	1	no	0	$8,159,146	$85	$5,759,212	$60
8	1	3	210	L	rotkiln	2,240	0	1	no	0	5,500	0	1	no	0	$5,680,506	$482	$3,686,983	$313
8	1	3	211	L	rotkiln	1,935	0	1	no	0	4,249	0	1	no	0	$5,049,833	$429	$3,749,514	$318
8	1	3	212	L	rotkiln	2,317	0	1	no	0	5,121	0	1	no	0	$5,987,785	$509	$4,655,439	$395
9	1	1	209	M	liqinj	8,489	0	1	no	0	15,010	0	1	no	0	$5,060,680	$226	$4,285,229	$191
10	1	1	214	M	rotkiln	5,969	0	1	no	0	13,781	0	1	no	0	$9,151,401	$236	$7,353,199	$190
11	1	1	609	L	rotkiln	2,833	0	1	no	0	7,582	0	1	no	0	$8,891,624	$129	$5,749,729	$84
12	1	1	216	L	rotkiln	7,919	0	1	no	0	18,692	0	1	no	0	$9,043,928	$288	$7,120,168	$227
13	1	1	331	L	rotkiln	2,798	0	1	no	0	6,443	0	1	no	0	$9,194,175	$273	$7,255,554	$215
14	1	3	333a	L	rotkiln	1,602	0	1	no	0	3,608	0	1	no	0	$3,239,301	$352	$1,989,299	$216
14	1	3	333b	L	rotkiln	1,602	0	1	no	0	3,608	0	1	no	0	$3,239,301	$352	$1,989,299	$216
14	1	3	612	L	rotkiln	1,467	0	1	no	0	2,982	0	1	no	0	$2,650,567	$288	$1,756,548	$191
15	1	1	222	L	rotkiln	3,412	0	1	no	0	7,980	0	1	no	0	$11,598,471	$223	$9,203,463	$177
TOTAL							2 10%	90%	0%	13%		2 10%	90%	0%	13%				
Average																	$809		
Minimum																	$85		
Maximum																	$9,075		
Median																	$288		

COMMERCIAL INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

SYSTEM DATA

BASELINE EMPLOYMENT IMPACTS

Option: Rec(50%)

Price Pass-Through Assumed: 75%

Facility Number	Number of Units per Comb. System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	ST (low-end) FTEs Affected	ST (high-end) FTEs Affected	LT (low-end) FTEs Affected	LT (high-end) FTEs Affected
3	7	7.1	8	10	11	190	191	192	193
1	1	1	324	M	other	31	31	31	31
2	1	1	327	L	rotkiln	0	0	0	0
3	1	1	325	M	rotkiln	0	0	0	0
4	1	1	359	M	rotkiln	31	31	31	31
5	1	2	486	NA	rotkiln	0	0	0	0
5	1	2	487	NA	other	0	0	0	0
6	1	1	601	NA	other	0	0	0	0
7	1	1	603	NA	rotkiln	0	0	0	0
8	1	3	210	L	rotkiln	0	0	0	0
8	1	3	211	L	rotkiln	0	0	0	0
8	1	3	212	L	rotkiln	0	0	0	0
9	1	1	209	M	liqinj	0	0	0	0
10	1	1	214	M	rotkiln	0	0	0	0
11	1	1	609	L	rotkiln	0	0	0	0
12	1	1	216	L	rotkiln	0	0	0	0
13	1	1	331	L	rotkiln	0	0	0	0
14	1	3	333a	L	rotkiln	0	0	0	0
14	1	3	333b	L	rotkiln	0	0	0	0
14	1	3	612	L	rotkiln	0	0	0	0
15	1	1	222	L	rotkiln	0	0	0	0
						61	61	61	61
TOTAL						80	80	80	80
Average						(ciuempl_bslowst)	(ciuempl_bshigst)	(ciuempl_bslowlt)	(ciuempl_bshiglt
Minimum									
Maximum									
Median									

COMMERCIAL INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION #

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

SYSTEM DATA

BASIC SCREENS

Facility Number	Number of Units per Comb. System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	New Compliance Costs as a Percentage of Baseline HW Burning Costs	Used for Percentile Summary Table <10%	10-20%	21-50%	51-75%	>75%	Total Baseline and Incremental Compliance Costs as Percent of HW Revenues	Baseline O&M and Incremental Compliance Costs as Percent of HW Revenues	Compliance Costs as Percent of Waste Burning Revenues	Used for Percentile Summary Table Not Burning HW	<10%	10-20%	21-50%	51-75%	>75%	Compliance Costs as Percent of Waste Burning Operating Profits
3	7	7.1	8	10	11	78	79	80	81	82	83	84	85	88	89	90	90.1	90.2	91	92	93
1	1	1	324	M	other	36%	0	0	1	0	0	1608.4%	1231.7%	421%	0	0	0	0	0	1	-39%
2	1	1	327	L	rotkiln	7%	1	0	0	0	0	26.9%	17.2%	2%	0	1	0	0	0	0	2%
3	1	1	325	M	rotkiln	6%	1	0	0	0	0	77.3%	59.3%	4%	0	1	0	0	0	0	16%
4	1	1	359	M	rotkiln	25%	0	0	1	0	0	361.5%	244.2%	73%	0	0	0	0	1	0	-39%
5	1	2	486	NA	rotkiln	1%	1	0	0	0	0	17.5%	10.5%	0%	0	1	0	0	0	0	0%
5	1	2	487	NA	other	5%	1	0	0	0	0	20.8%	11.0%	1%	0	1	0	0	0	0	1%
6	1	1	601	NA	other	4%	1	0	0	0	0	55.6%	34.1%	2%	0	1	0	0	0	0	5%
7	1	1	603	NA	rotkiln	12%	0	1	0	0	0	9.3%	6.5%	1%	0	1	0	0	0	0	1%
8	1	3	210	L	rotkiln	12%	0	1	0	0	0	63.9%	41.5%	7%	0	1	0	0	0	0	16%
8	1	3	211	L	rotkiln	8%	1	0	0	0	0	56.8%	42.2%	4%	0	1	0	0	0	0	9%
8	1	3	212	L	rotkiln	4%	1	0	0	0	0	67.3%	52.3%	3%	0	1	0	0	0	0	8%
9	1	1	209	M	liqinj	6%	1	0	0	0	0	89.1%	75.5%	5%	0	1	0	0	0	0	30%
10	1	1	214	M	rotkiln	1%	1	0	0	0	0	61.7%	49.6%	1%	0	1	0	0	0	0	1%
11	1	1	609	L	rotkiln	4%	1	0	0	0	0	18.1%	11.7%	1%	0	1	0	0	0	0	1%
12	1	1	216	L	rotkiln	3%	1	0	0	0	0	81.7%	64.3%	2%	0	1	0	0	0	0	10%
13	1	1	331	L	rotkiln	3%	1	0	0	0	0	39.3%	31.0%	1%	0	1	0	0	0	0	2%
14	1	3	333a	L	rotkiln	19%	0	1	0	0	0	52.2%	32.1%	8%	0	1	0	0	0	0	15%
14	1	3	333b	L	rotkiln	19%	0	1	0	0	0	52.2%	32.1%	8%	0	1	0	0	0	0	15%
14	1	3	612	L	rotkiln	4%	1	0	0	0	0	42.7%	28.3%	2%	0	1	0	0	0	0	3%
15	1	1	222	L	rotkiln	0%	1	0	0	0	0	33.5%	26.6%	0%	0	1	0	0	0	0	0%
TOTAL							70%	20%	10%	0%	0%				0	90%	0%	0%	5%	5%	
Average																					
Minimum																					
Maximum																					
Median																					

COMMERCIAL INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION #

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

SYSTEM DATA | PRICES

Facility Number	Number of Units per Comb. System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	Weighted Average Price Currently Charged ($/ton)	Operating Profits as a % of Weighted Average Price	Used for Percentile Summary Table					Amount Prices Would Need to Increase to Cover Baseline and Compliance Costs ($/ton)	Percentage Increase in Prices Required to Cover Baseline and Compliance Costs	Total New Price Required to Cover Costs ($/ton)
								<0%	0-10%	11-25%	26-50%	>50%			
3	7	7.1	8	10	11	96	96.1	96.2	96.3	96.4	96.5	96.6	97	98	99
1	1	1	324	M	other	$564	-1087%	1	0	0	0	0	$8,511	1508%	$9,075
2	1	1	327	L	rotkiln	$809	75%	0	0	0	0	1	($591)	-73%	$218
3	1	1	325	M	rotkiln	$874	27%	0	0	0	1	0	($198)	-23%	$675
4	1	1	359	M	rotkiln	$388	-188%	1	0	0	0	0	$1,014	262%	$1,402
5	1	2	486	NA	rotkiln	$904	83%	0	0	0	0	1	($746)	-83%	$158
5	1	2	487	NA	other	$904	80%	0	0	0	0	1	($715)	-79%	$188
6	1	1	601	NA	other	$1,069	47%	0	0	0	1	0	($474)	-44%	$594
7	1	1	603	NA	rotkiln	$917	92%	0	0	0	0	1	($832)	-91%	$85
8	1	3	210	L	rotkiln	$755	43%	0	0	0	1	0	($273)	-36%	$482
8	1	3	211	L	rotkiln	$755	48%	0	0	0	1	0	($327)	-43%	$429
8	1	3	212	L	rotkiln	$755	36%	0	0	0	1	0	($247)	-33%	$509
9	1	1	209	M	liqinj	$253	16%	0	0	1	0	0	($27)	-11%	$226
10	1	1	214	M	rotkiln	$382	39%	0	0	0	1	0	($146)	-38%	$236
11	1	1	609	L	rotkiln	$713	83%	0	0	0	0	1	($584)	-82%	$129
12	1	1	216	L	rotkiln	$353	20%	0	0	1	0	0	($65)	-18%	$288
13	1	1	331	L	rotkiln	$695	62%	0	0	0	0	1	($422)	-61%	$273
14	1	3	333a	L	rotkiln	$675	56%	0	0	0	0	1	($323)	-48%	$352
14	1	3	333b	L	rotkiln	$675	56%	0	0	0	0	1	($323)	-48%	$352
14	1	3	612	L	rotkiln	$675	59%	0	0	0	0	1	($387)	-57%	$288
15	1	1	222	L	rotkiln	$667	67%	0	0	0	0	1	($443)	-66%	$223
TOTAL								2	0	2	6	10			
Average						$689									
Minimum															
Maximum															
Median						$669	56% (CI%PRFT_B)								

FINAL DRAFT: July 1999

COMMERCIAL INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

SYSTEM DATA

STATIC BREAK-EVEN QUANTITIES (BEQ)

CAPACITY TO MEET STATIC BEQs

Facility Number	Number of Units per Comb. System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	Short Term Break-even Tons Required to Cover Compliance and O&M Baseline Costs (tons)	Long Term Break-even Tons Required to Cover Compliance and ALL Baseline Cost (tons)	At current prices, will units need to increase the quantity of was they burn in th SHORT TERM?	Percentile Summary Below BEQ <20%	Percentile Summary Below BEQ >20%	Percentile Summary Above BEQ	At current prices, will units need to increase the quantity of waste they burn in the LONG TERM?	Percentile Summary Below BEQ <20%	Percentile Summary Below BEQ >20%	Percentile Summary Above BEQ	Short Term BEQ/Practical Capacity (tons)	Long Term BEQ/Practical Capacity (tons)	Do systems have the capacity to burn the SHORT TERM BEQ?	Do systems have the capacity to burn the LONG TERM BEQ?
3	7	7.1	8	10	11	100	101	102	103	104	105	106	107	108	109	110	111	112	113
1	1	1	324	M	other	7,208	9,539	yes	0	1	0	yes	0	1	0	1944%	2573%	no	no
2	1	1	327	L	rotkiln	2,638	5,358	no	0	0	1	no	0	0	1	6%	11%	yes	yes
3	1	1	325	M	rotkiln	3,162	5,906	no	0	0	1	no	0	0	1	19%	35%	yes	yes
4	1	1	359	M	rotkiln	7,894	12,500	yes	0	1	0	yes	0	1	0	196%	311%	no	no
5	1	2	466	NA	rotkiln	1,356	3,038	no	0	0	1	no	0	0	1	3%	7%	yes	yes
5	1	2	467	NA	other	1,756	4,069	no	0	0	1	no	0	0	1	4%	10%	yes	yes
6	1	1	601	NA	other	2,261	5,155	no	0	0	1	no	0	0	1	11%	26%	yes	yes
7	1	1	603	NA	rotkiln	2,869	5,586	no	0	0	1	no	0	0	1	2%	3%	yes	yes
8	1	3	210	L	rotkiln	3,257	6,517	no	0	0	1	no	0	0	1	15%	31%	yes	yes
8	1	3	211	L	rotkiln	2,616	4,930	no	0	0	1	no	0	0	1	12%	23%	yes	yes
8	1	3	212	L	rotkiln	2,853	5,657	no	0	0	1	no	0	0	1	13%	27%	yes	yes
9	1	1	209	M	liqinj	10,709	17,230	no	0	0	1	no	0	0	1	27%	43%	yes	yes
10	1	1	214	M	rotkiln	6,325	14,136	no	0	0	1	no	0	0	1	9%	20%	yes	yes
11	1	1	609	L	rotkiln	3,358	8,104	no	0	0	1	no	0	0	1	3%	7%	yes	yes
12	1	1	216	L	rotkiln	9,250	20,022	no	0	0	1	no	0	0	1	16%	35%	yes	yes
13	1	1	331	L	rotkiln	3,294	6,940	no	0	0	1	no	0	0	1	5%	11%	yes	yes
14	1	3	333a	L	rotkiln	2,431	4,437	no	0	0	1	no	0	0	1	15%	27%	yes	yes
14	1	3	333b	L	rotkiln	2,431	4,437	no	0	0	1	no	0	0	1	15%	27%	yes	yes
14	1	3	612	L	rotkiln	1,653	3,168	no	0	0	1	no	0	0	1	10%	19%	yes	yes
15	1	1	222	L	rotkiln	3,433	8,002	no	0	0	1	no	0	0	1	4%	9%	yes	yes
TOTAL									10%		90%		10%		90%				
Average																			
Minimum																			
Maximum																			
Median																			

COMMERCIAL INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

SYSTEM DATA

PASS-THROUGH SCENARIO

DYNAMIC BREAK-EVEN QUANTITY ANALYSIS

Facility Number	Number of Units per Comb. System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	Pass Through Chosen 75%	Pass Through Scenario: 75% Short Term BEQ (tons)	Short Term BEQ % BEQ	Long Term BEQ (tons)	Long Term BEQ % BEQ
3	7	7.1	8	10	11	114	115	116	117	118
1	1	1	324	M	other	$20	6,554	3%	8,673	2%
2	1	1	327	L	rotkiln	$20	2,577	1006%	5,234	495%
3	1	1	325	M	rotkiln	$20	3,066	306%	5,726	164%
4	1	1	359	M	rotkiln	$20	7,049	32%	11,162	20%
5	1	2	486	NA	rotkiln	$20	1,329	1725%	2,978	770%
5	1	2	487	NA	other	$20	1,722	1332%	4,010	572%
6	1	1	601	NA	other	$20	2,227	499%	5,076	219%
7	1	1	603	NA	rotkiln	$20	2,816	3412%	5,482	1753%
8	1	3	210	L	rotkiln	$20	3,164	372%	6,331	186%
8	1	3	211	L	rotkiln	$20	2,534	465%	4,777	246%
8	1	3	212	L	rotkiln	$20	2,749	428%	5,450	216%
9	1	1	209	M	liqinj	$20	8,618	260%	13,866	162%
10	1	1	214	M	rotkiln	$20	5,683	683%	12,702	305%
11	1	1	609	L	rotkiln	$20	3,262	2109%	7,878	873%
12	1	1	216	L	rotkiln	$20	8,094	388%	17,521	179%
13	1	1	331	L	rotkiln	$20	3,170	1062%	6,677	504%
14	1	3	333a	L	rotkiln	$20	2,557	360%	4,666	197%
14	1	3	333b	L	rotkiln	$20	2,557	360%	4,666	197%
14	1	3	612	L	rotkiln	$20	1,743	527%	3,342	275%
15	1	1	222	L	rotkiln	$20	3,299	1574%	7,689	675%
TOTAL									$50,000	
Average										
Minimum										
Maximum										
Median										

COMMERCIAL INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

SYSTEM DATA

CAPACITY CONSTRAINTS FOR CONSOLIDATION ROUTINE

Facility Number	Number of Units per Comb. System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	Practical Capacity (1996 tons)	Permitted Capacity 1996	Excess Capacity 1995	Min. Capacity
3	7	7.1	8	10	11	186	187	188	189
1	1	1	324	M	other	1800	2,200	1594	1,800
2	1	1	327	L	rotkiln	60,000	102,000	34,083	60,000
3	1	1	325	M	rotkiln	33,000	60,856	23,622	33,000
4	1	1	359	M	rotkiln	NA		(2,234)	0
5	1	2	486	NA	rotkiln	40,000	57,500	17,065	40,000
5	1	2	487	NA	other	40,000	57,500	17,065	40,000
6	1	1	601	NA	other	140,000	140,000	128,885	140,000
7	1	1	603	NA	rotkiln	80,000	150,000	(16,080)	80,000
8	1	3	210	L	rotkiln	29,333	73,667	17,560	29,333
8	1	3	211	L	rotkiln	29,333	73,667	17,560	29,333
8	1	3	212	L	rotkiln	29,333	73,667	17,560	29,333
9	1	1	209	M	liqinj	32,390	39,420	9,978	32,390
10	1	1	214	M	rotkiln	42,500	147,000	3,700	42,500
11	1	1	609	L	rotkiln	120,000	322,000	51,201	120,000
12	1	1	216	L	rotkiln	50,000	80,500	18,622	50,000
13	1	1	331	L	rotkiln	60,000	84,000	26,330	60,000
14	1	3	333a	L	rotkiln	13,333	25,000	4,138	13,333
14	1	3	333b	L	rotkiln	13,333	25,000	4,138	13,333
14	1	3	612	L	rotkiln	13,333	25,000	4,138	13,333
15	1	1	222	L	rotkiln	60,000	88,000	8,084	60,000

TOTAL

Average
Minimum
Maximum
Median

COMMERCIAL INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION
Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

SYSTEM DATA

SHORT TERM CONSOLIDATION MODULE; pass through scenario: 75%

Pass Through: 75%

Facility Number	Number of Units per Comb. System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	Below Short Term BEQ	Facility Number	1st Iteration Status	1st Iteration Tons	1st Iteration Continue Consolid	Facility Number	2nd Iteration Status	2nd Iteration Tons	2nd Iteration Continue Consolid	Facility Number	3rd Iteration Status	3rd Iteration Tons	3rd Iteration Continue Consolid	Facility Number	4th Iteration Status	4th Iteration Tons	4th Iteration Continue Consolidation?
3	7	7.1	8	10	11	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135
1	1	1	324	M	other	yes	1	only unit	0	no			na	no			na	no			na	no
2	1	1	327	L	rotkiln	no	2	only unit	25,917	no			na	no			na	no			na	no
3	1	1	325	M	rotkiln	no	3	only unit	9,378	no			na	no			na	no			na	no
4	1	1	359	M	rotkiln	yes	4	only unit	0	no			na	no			na	no			na	no
5	1	2	486	NA	rotkiln	no	5	continue b	22,935	no	5		na	no			na	no			na	no
5	1	2	487	NA	other	no	5		22,935	no			na	no			na	no			na	no
6	1	1	601	NA	other	no	6	only unit	11,115	no			na	no			na	no			na	no
7	1	1	603	NA	rotkiln	no	7	only unit	96,080	no			na	no			na	no			na	no
8	1	3	210	L	rotkiln	no	8	continue b	11,774	no		na	11,774	no		na	11,774	no			na	no
8	1	3	211	L	rotkiln	no	8		11,774	no		continue	11,774	no		na	11,774	no			na	no
8	1	3	212	L	rotkiln	no	8		11,774	no			11,774	no		continue	11,774	no			na	no
9	1	1	209	M	liqinj	no	9	only unit	22,412	no			na	no			na	no			na	no
10	1	1	214	M	rotkiln	no	10	only unit	38,800	no			na	no			na	no			na	no
11	1	1	609	L	rotkiln	no	11	only unit	68,799	no			na	no			na	no			na	no
12	1	1	216	L	rotkiln	no	12	only unit	31,378	no			na	no			na	no			na	no
13	1	1	331	L	rotkiln	no	13	only unit	33,670	no			na	no			na	no			na	no
14	1	3	333a	L	rotkiln	no	14	continue b	9,195	no		na	9,195	no		na	9,195	no			na	no
14	1	3	333b	L	rotkiln	no	14		9,195	no		continue	9,195	no		na	9,195	no			na	no
14	1	3	612	L	rotkiln	no	14		9,195	no			9,195	no		continue	9,195	no			na	no
15	1	1	222	L	rotkiln	no	15	only unit	51,916	no			na	no			na	no			na	no

TOTAL

Average
Minimum
Maximum
Median

FINAL DRAFT: July 1999

COMMERCIAL INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

SYSTEM DATA

SHORT TERM CONSOLIDATION MODULE (Continued)

Facility Number	Number of Units per Comb. System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	Tons After Consolidation	Percent of Short Term BEQ	Facility Number	Combust System Status	Percentile Summary: Above	Percentile Summary: 0-20%	Percentile Summary: >20%	Number of FTEs Affected by System Closure	All Systems At Facility Stop Burning	Number of FTEs Affected by Facility Closure (low-end)	Number of FTEs Affected by Facili Closure (high-end)	Percentile Summary	Baseline Waste Di (No Con	Total Waste Diverted (After Consolida
3	7	7.1	8	10	11	136	137	138	139	140	141	142	142.2	143	143.2	143.3	144	144.2	145
1	1	1	324	M	other	0	0%	1	**stop bur	0	0	1	23	yes	0	0	1	206	206
2	1	1	327	L	rotkiln	25,917	1006%	2	continue	1	0	0	0	no	0	0	0	0	
3	1	1	325	M	rotkiln	9,378	306%	3	continue	1	0	0	0	no	0	0	0	0	
4	1	1	359	M	rotkiln	0	0%	4	**stop bur	0	0	1	23	yes	0	0	1	2,234	2,234
5	1	2	486	NA	rotkiln	22,935	1725%	5	continue	1	0	0	0	no	0	0	0	0	
5	1	2	487	NA	other	22,935	1332%	5	continue	1	0	0	0	no	0	0	0	0	
6	1	1	601	NA	other	11,115	499%	6	continue	1	0	0	0	no	0	0	0	0	
7	1	1	603	NA	rotkiln	96,080	3412%	7	continue	1	0	0	0	no	0	0	0	0	
8	1	3	210	L	rotkiln	11,774	372%	8	continue	1	0	0	0	no	0	0	0	0	
8	1	3	211	L	rotkiln	11,774	465%	8	continue	1	0	0	0	no	0	0	0	0	
8	1	3	212	L	rotkiln	11,774	428%	8	continue	1	0	0	0	no	0	0	0	0	
9	1	1	209	M	liqinj	22,412	260%	9	continue	1	0	0	0	no	0	0	0	0	
10	1	1	214	M	rotkiln	38,800	663%	10	continue	1	0	0	0	no	0	0	0	0	
11	1	1	609	L	rotkiln	68,799	2109%	11	continue	1	0	0	0	no	0	0	0	0	
12	1	1	216	L	rotkiln	31,378	388%	12	continue	1	0	0	0	no	0	0	0	0	
13	1	1	331	L	rotkiln	33,670	1062%	13	continue	1	0	0	0	no	0	0	0	0	
14	1	3	333a	L	rotkiln	9,195	360%	14	continue	1	0	0	0	no	0	0	0	0	
14	1	3	333b	L	rotkiln	9,195	360%	14	continue	1	0	0	0	no	0	0	0	0	
14	1	3	612	L	rotkiln	9,195	527%	14	continue	1	0	0	0	no	0	0	0	0	
15	1	1	222	L	rotkiln	51,916	1574%	15	continue	1	0	0	0	no	0	0	0	0	
TOTAL										90%	0%	10%	47		0	0	13%	2,440	2,440
Average													61		0	0			
Minimum													(ciuempl_st)		(ciuempl_lowst)	(ciuempl_higst)			
Maximum													(no longer in use 11/20/97)						
Median																			

COMMERCIAL INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

SYSTEM DATA

LONG TERM CONSOLIDATION MODULE; pass through scenario: 75%

Pass Through: 75%

Facility Number	Number of Units per Comb. System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	Below Long Term BEQ	Facility Number	1st Iteration Status	1st Iteration Tons	1st Iteration Continue Consolid	Facility Number	2nd Iteration Status	2nd Iteration Tons	2nd Iteration Continue Consolid	Facility Number	3rd Iteration Status	3rd Iteration Tons	3rd Iteration Continue Consolidation?	Facility Number	4th Iteration Status	4th Iteration Tons	4th Iteration Continue Consolid
3	7	7.1	8	10	11	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162
1	1	1	324	M	other	yes	1	only unit	0	no			na	no			na	no			na	no
2	1	1	327	L	rotkiln	no	2	only unit	25,917	no			na	no			na	no			na	no
3	1	1	325	M	rotkiln	no	3	only unit	9,378	no			na	no			na	no			na	no
4	1	1	359	M	rotkiln	yes	4	only unit	0	no			na	no			na	no			na	no
5	1	2	486	NA	rotkiln	no	5	continue	22,935	no	5		na	no			na	no			na	no
5	1	2	487	NA	other	no	5		22,935	no			na	no			na	no			na	no
6	1	1	601	NA	other	no	6	only unit	11,115	no			na	no			na	no			na	no
7	1	1	603	NA	rotkiln	no	7	only unit	96,080	no			na	no			na	no			na	no
8	1	3	210	L	rotkiln	no	8	continue	11,774	no		continue	11,774	no		na	11,774	no			na	no
8	1	3	211	L	rotkiln	no	8		11,774	no		continue	11,774	no		na	11,774	no			na	no
8	1	3	212	L	rotkiln	no	8		11,774	no			11,774	no		continue	11,774	no			na	no
9	1	1	209	M	liqinj	no	9	only unit	22,412	no			na	no			na	no			na	no
10	1	1	214	M	rotkiln	no	10	only unit	38,800	no			na	no			na	no			na	no
11	1	1	609	L	rotkiln	no	11	only unit	68,799	no			na	no			na	no			na	no
12	1	1	216	L	rotkiln	no	12	only unit	31,378	no			na	no			na	no			na	no
13	1	1	331	L	rotkiln	no	13	only unit	33,670	no			na	no			na	no			na	no
14	1	3	333a	L	rotkiln	no	14	continue	9,195	no		na	9,195	no		na	9,195	no			na	no
14	1	3	333b	L	rotkiln	no	14		9,195	no		continue	9,195	no		na	9,195	no			na	no
14	1	3	612	L	rotkiln	no	14		9,195	no			9,195	no		continue	9,195	no			na	no
15	1	1	222	L	rotkiln	no	15	only unit	51,916	no			na	no			na	no			na	no

TOTAL

Average
Minimum
Maximum
Median

COMMERCIAL INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

SYSTEM DATA

LONG TERM CONSOLIDATION MODULE (Continued)

Facility Number	Number of Units per Comb. System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	Tons After Consolidation	Percent of Long Term BEQ	Facility Number	Combustio System Status	Percentile Summary: Above	Percentile Summary: 0-20%	Percentile Summary: >20%	Number of FTEs Affected by System Closure (not used 11/20/97)	All Systems At Facility Stop Burning?	(low-end) Number of FTEs Affected by Faci Closure	(high-end) Number of FTE Affected by Fac Closure	Percentile Summary	Baseline Waste Diverte (No Consolida	Total Waste Diverted (After Consolida
3	7	7.1	8	10	11	163	164	165	166	167	168	169	142.2	170	170.1	170.2	171	144.2	172
1	1	1	324	M	other	0	0%	1	**stop burni	0	0	1	23	yes	0	0	1	206	206
2	1	1	327	L	rotkiln	25,917	495%	2	continue bu	1	0	0	0	no	0	0	0	0	
3	1	1	325	M	rotkiln	9,378	164%	3	continue bu	1	0	0	0	no	0	0	0	0	
4	1	1	359	M	rotkiln	0	0%	4	**stop burni	0	0	1	23	yes	0	0	1	2,234	2,234
5	1	2	486	NA	rotkiln	22,935	770%	5	continue bu	1	0	0	0	no	0	0	0	0	
5	1	2	487	NA	other	22,935	572%	5	continue bu	1	0	0	0	no	0	0	0	0	
6	1	1	601	NA	other	11,115	219%	6	continue bu	1	0	0	0	no	0	0	0	0	
7	1	1	603	NA	rotkiln	96,080	1753%	7	continue bu	1	0	0	0	no	0	0	0	0	
8	1	3	210	L	rotkiln	11,774	186%	8	continue bu	1	0	0	0	no	0	0	0	0	
8	1	3	211	L	rotkiln	11,774	246%	8	continue bu	1	0	0	0	no	0	0	0	0	
8	1	3	212	L	rotkiln	11,774	216%	8	continue bu	1	0	0	0	no	0	0	0	0	
9	1	1	209	M	liqinj	22,412	162%	9	continue bu	1	0	0	0	no	0	0	0	0	
10	1	1	214	M	rotkiln	38,800	305%	10	continue bu	1	0	0	0	no	0	0	0	0	
11	1	1	609	L	rotkiln	68,799	873%	11	continue bu	1	0	0	0	no	0	0	0	0	
12	1	1	216	L	rotkiln	31,378	179%	12	continue bu	1	0	0	0	no	0	0	0	0	
13	1	1	331	L	rotkiln	33,670	504%	13	continue bu	1	0	0	0	no	0	0	0	0	
14	1	3	333a	L	rotkiln	9,195	197%	14	continue bu	1	0	0	0	no	0	0	0	0	
14	1	3	333b	L	rotkiln	9,195	197%	14	continue bu	1	0	0	0	no	0	0	0	0	
14	1	3	612	L	rotkiln	9,195	275%	14	continue bu	1	0	0	0	no	0	0	0	0	
15	1	1	222	L	rotkiln	51,916	675%	15	continue bu	1	0	0	0	no	0	0	0	0	
TOTAL										90%	0%	10%	47		0	0	13%	2,440	2,440
Average													61						
Minimum													(ciuempl_ft)		(ciuempl_lowft)	(ciuempl_higlt)			
Maximum													(no longer in use 11/20/97)						
Median																			

COMMERCIAL INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

SYSTEM DATA

TOTAL COSTS - SHORT TERM

Facility Number	Number of Units per Comb. System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	Compliance Costs for Systems Remaining Open	Variable Costs per Year for Systems Remaining Open	Total Baseline Costs for Systems Remaining Open	Cost of Diverting Wastes for Systems Closing	Total Compliance Costs for All Systems	Total Compliance Costs for System Remaining Open ($/ton)	Total Baseline Costs for Systems Remaining Open ($/ton)	Systems Remaining Open in the Short Term	Total O&M Baseline and Compliance Costs of HW burning for Systems Remaining Open ($/yr)	Total Compliance Costs for Systems Remaining Open ($/ton)	Total Baseline Costs for Systems Remaining Open ($/ton)
3	7	7.1	8	10	11	173	173.1	173.2	174	175	176	176.1	177	177.1	178	179
1	1	1	324	M	other	$0	$0	$0	$0	$0	$0	$0	0	stop burning	stop burning	stop burning
2	1	1	327	L	rotkiln	$361,748	$1,647,526	$5,278,399	$0	$361,748	$14	$204	1	3,613,612	$14	$204
3	1	1	325	M	rotkiln	$343,196	$3,165,442	$5,988,085	$0	$343,196	$37	$639	1	4,860,531	$37	$639
4	1	1	359	M	rotkiln	$0	$0	$0	$0	$0	$0	$0	0	stop burning	stop burning	stop burning
5	1	2	486	NA	rotkiln	$46,294	$1,014,545	$3,579,113	$0	$46,294	$2	$156	1	2,179,962	$2	$156
5	1	2	487	NA	other	$203,973	$755,770	$4,111,997	$0	$203,973	$9	$179	1	2,284,387	$9	$179
6	1	1	601	NA	other	$267,936	$2,046,625	$6,339,393	$0	$267,936	$24	$570	1	4,047,360	$24	$570
7	1	1	603	NA	rotkiln	$880,366	$3,224,285	$7,278,781	$0	$880,366	$9	$76	1	5,759,212	$9	$76
8	1	3	210	L	rotkiln	$621,682	$1,695,259	$5,058,824	$0	$621,682	$53	$430	1	3,686,983	$53	$430
8	1	3	211	L	rotkiln	$382,648	$2,279,927	$4,667,185	$0	$382,648	$33	$396	1	3,749,514	$33	$396
8	1	3	212	L	rotkiln	$254,630	$3,299,429	$5,733,156	$0	$254,630	$22	$487	1	4,655,439	$22	$487
9	1	1	209	M	liqinj	$263,911	$3,011,761	$4,796,770	$0	$263,911	$12	$214	1	4,285,229	$12	$214
10	1	1	214	M	rotkiln	$81,864	$5,897,155	$9,069,537	$0	$81,864	$2	$234	1	7,353,199	$2	$234
11	1	1	609	L	rotkiln	$345,854	$3,529,557	$8,545,771	$0	$345,854	$5	$124	1	5,749,729	$5	$124
12	1	1	216	L	rotkiln	$237,611	$5,468,317	$8,806,317	$0	$237,611	$8	$281	1	7,120,168	$8	$281
13	1	1	331	L	rotkiln	$263,991	$5,503,414	$8,930,184	$0	$263,991	$8	$265	1	7,255,554	$8	$265
14	1	3	333a	L	rotkiln	$516,712	$473,874	$2,722,589	$0	$516,712	$56	$296	1	1,989,299	$56	$296
14	1	3	333b	L	rotkiln	$516,712	$473,874	$2,722,589	$0	$516,712	$56	$296	1	1,989,299	$56	$296
14	1	3	612	L	rotkiln	$109,663	$781,779	$2,540,904	$0	$109,663	$12	$276	1	1,756,548	$12	$276
15	1	1	222	L	rotkiln	$11,347	$7,403,559	$11,587,124	$0	$11,347	$0	$223	1	9,203,463	$0	$223
TOTAL										$5,710,134 (CISAC)			18	81,539,488 (CIXAC)		
Average															$20 (CITACPT_AC)	$297 (CIBASPT_AC)
Minimum																
Maximum										$317,230 (CIU)						
Median															$12	

COMMERCIAL INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION #

Option (case sensitive): Rec(50%)

Include CEM costs? >>>>> N
(Choices: Yes/No)

REVENUES AND PROFITS - SHORT TERM

SYSTEM DATA

						After Consolidation					Before Consolidation	
Facility Number	Number of Units per Comb. System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	Weighted Average Px per ton for Systems Remaining Open (Excludes Energy Savings) ($/ton)	Total Average Revenues for Systems Remaining Open (Inc. Energy Svngs)	Total Average Revenues for Systems Remaining Open (Inc. Energy Savings) ($/ton)	Weighted Average Px per ton for Systems Remaining Open (Includes Energy Savings)	Operating Profits per ton of Hazardous Waste Burned	Operating Profits per ton of Hazardous Waste Burned	Weighted Average Px per ton for Systems Remaining Open (Excludes Energy Savings)
3	7	7.1	8	10	11	179.1	180	181	182	183	184	185
1	1	1	324	M	other	stop burning	$0	$0	stop burning	stop burning	stop burning	stop burning
2	1	1	327	L	rotkiln	$809	$20,961,332	$809	$809	$621	$605	$809
3	1	1	325	M	rotkiln	$874	$8,192,213	$874	$874	$228	$235	$874
4	1	1	359	M	rotkiln	stop burning	$0	$0	stop burning	stop burning	stop burning	stop burning
5	1	2	486	NA	rotkiln	$904	$20,724,483	$904	$904	$775	$748	$904
5	1	2	487	NA	other	$904	$20,724,483	$904	$904	$745	$724	$904
6	1	1	601	NA	other	$1,069	$11,880,536	$1,069	$1,069	$504	$499	$1,069
7	1	1	603	NA	rotkiln	$917	$88,111,081	$917	$917	$862	$841	$917
8	1	3	210	L	rotkiln	$755	$8,894,931	$755	$755	$302	$326	$755
8	1	3	211	L	rotkiln	$755	$8,894,931	$755	$755	$356	$359	$755
8	1	3	212	L	rotkiln	$755	$8,894,931	$755	$755	$276	$269	$755
9	1	1	209	M	liqinj	$253	$5,676,960	$253	$253	$57	$39	$253
10	1	1	214	M	rotkiln	$382	$14,829,130	$382	$382	$176	$148	$382
11	1	1	609	L	rotkiln	$713	$49,048,590	$713	$713	$613	$589	$713
12	1	1	216	L	rotkiln	$353	$11,071,869	$353	$353	$94	$72	$353
13	1	1	331	L	rotkiln	$695	$23,410,735	$695	$695	$452	$430	$695
14	1	3	333a	L	rotkiln	$675	$6,205,333	$675	$675	$352	$379	$675
14	1	3	333b	L	rotkiln	$675	$6,205,333	$675	$675	$352	$379	$675
14	1	3	612	L	rotkiln	$675	$6,205,333	$675	$675	$416	$399	$675
15	1	1	222	L	rotkiln	$667	$34,620,986	$667	$667	$473	$444	$667

TOTAL

Average					
Minimum					
Maximum					
Median					
	$713 (CIWPXPT_AC)	Average weighted price per ton (Includes Energy Savings)>>>>>>>	$713 (CIREVPT_AC)		$713 (CIWPXPT_BC)
		Operating Profits per ton/% profits margin			
		Average >>>>>	57%	$425	$416 58%
		Median>>>>>	57%	$425	

FINAL DRAFT: July 1999

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTIO

Option (case sensitive): Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA

TONS OF HAZARDOUS WASTE BURNED

Facility Number	Units per Combustion System	Number of Comb. System at Facility	Site ID Number	Size	Type of System	Hazardous Waste Burned (1996 tons)	Practical Capacity (1996 tons	Capacity Utilization (1996 %)	Breakdown of Waste Burned (1995 BRS) Liquids	Sludges	Solids	Unk.	Total	Estimated Breakdown of Waste Burned (1995 BRS) Liquids	Sludges	Solids	Unk.	Total	Percentile Summary of HW Burned: Combustion Systems (tons) < 50	50-150	150-1,000	1,000-5,000	5,000-10,00	>=10,000	Facilities Tons < 50	Tons>=50
3	7	7.1	8	10	11	13	14	15	16	17	18	19	20	21	22	23	24	25	25.1	25.1a	25.1b	25.1c	25.1d	25.1e	25.3	25.4
1	1	1	334	L	rotkiln	NA	NA	NA	1	0	0	19,851	19,852	19,852	0	0		19,852	0	0	0	0	0	1	0	1
2	2	3	805	M	liqinj	NA	NA	NA	64,571	16	4	0	64,591	64,571	16	4		64,591	0	0	0	0	0	1	na	na
2	1	3	477	M	liqinj	NA	NA	NA	64,571	16	4	0	64,591	64,571	16	4		64,591	0	0	0	0	0	1	na	na
2	2	3	478	M	liqinj	NA	NA	NA	64,571	16	4	0	64,591	64,571	16	4		64,591	0	0	0	0	0	1	0	1
3	1	1	806	M	other	NA	NA	NA	0	20,960	0	0	20,960	0	20,960	0		20,960	0	0	0	0	0	1	0	1
4	1	1	704	S	liqinj	NA	NA	NA	1,820	0	0	0	1,820	1,820	0	0		1,820	0	0	0	1	0	0	0	1
5	1	1	708	S	liqinj	NA	NA	NA	6,492	0	0	0	6,492	6,492	0	0		6,492	0	0	0	0	1	0	0	1
6	2	1	711	L	other	NA	NA	NA	205	0	0	0	205	205	0	0		205	0	0	1	0	0	0	0	1
7	1	1	504	M	other	NA	NA	NA	1	0	0	0	1	1	0	0		1	1	0	0	0	0	0	1	0
8	1	3	480b	M	rotkiln	NA	NA	NA	2,465	0	0	0	2,465	2,465	0	0		2,465	0	0	0	1	0	0	na	na
8	1	3	480a	M	rotkiln	NA	NA	NA	2,465	0	0	0	2,465	2,465	0	0		2,465	0	0	0	1	0	0	na	na
8	1	3	706	M	liqinj	NA	NA	NA	2,465	0	0	0	2,465	2,465	0	0		2,465	0	0	0	1	0	0	0	1
9	1	2	705	M	rotkiln	NA	NA	NA	1,279	9,082	0	1	10,361	1,279	9,082	0		10,361	0	0	0	0	0	1	0	1
9	1	2	490	M	rotkiln	NA	NA	NA	1,279	9,082	0	1	10,361	1,279	9,082	0		10,361	0	0	0	0	0	1	0	1
10	1	1	784	S	other	NA	NA	NA	3,268	0	0	23	3,291	3,291	0	0		3,291	0	0	0	1	0	0	0	1
11	1	1	600	L	rotkiln	NA	NA	NA	13,924	1,933	1,570	94	17,521	13,999	1,943	1,578		17,521	0	0	0	0	0	1	0	1
12	1	2	353	M	rotkiln	NA	NA	NA	0	0	0	37,357	37,357	25,157	11,878	322		37,357	0	0	0	0	0	1	na	na
12	1	2	354	M	rotkiln	NA	NA	NA	0	0	0	37,357	37,357	25,157	11,878	322		37,357	0	0	0	0	0	1	0	1
13	1	1	808	M	rotkiln	NA	NA	NA	22,638	4	843	23	23,508	22,660	4	844		23,508	0	0	0	0	0	1	0	1
14	1	4	350	M	liqinj	NA	NA	NA	5,488	224	373	5	6,090	5,492	224	373		6,090	0	0	0	0	1	0	na	na
14	1	4	707	L	liqinj	NA	NA	NA	5,488	224	373	5	6,090	5,492	224	373		6,090	0	0	0	0	1	0	na	na
14	1	4	702a	M	liqinj	NA	NA	NA	5,488	224	373	5	6,090	5,492	224	373		6,090	0	0	0	0	1	0	na	na
14	1	4	702b	M	liqinj	NA	NA	NA	5,488	224	373	5	6,090	5,492	224	373		6,090	0	0	0	0	1	0	0	1
15	1	1	338	L	rotkiln	NA	NA	NA	158	1,233	0	0	1,391	158	1,233	0		1,391	0	0	0	1	0	0	0	1
16	1	1	700	M	other	NA	NA	NA	1,318	0	160	332	1,810	1,614	0	196		1,810	0	0	0	1	0	0	0	1
17	1	2	915a	M	rotkiln	NA	NA	NA	12,167	25	417	48	12,657	12,213	25	419		12,657	0	0	0	0	0	1	na	na
17	1	2	915b	M	rotkiln	NA	NA	NA	12,167	25	417	48	12,657	12,213	25	419		12,657	0	0	0	0	0	1	0	1
18	1	1	701	M	rotkiln	NA	NA	NA	91,309	1,638	162	137	93,246	91,443	1,640	162		93,246	0	0	0	0	0	1	0	1
19	1	3	358b	M	liqinj	NA	NA	NA	5,827	57	0	0	5,883	5,827	57	0		5,883	0	0	0	0	1	0	na	na
19	1	3	358a	M	liqinj	NA	NA	NA	5,827	57	0	0	5,883	5,827	57	0		5,883	0	0	0	0	1	0	na	na
19	1	3	358c	M	liqinj	NA	NA	NA	5,827	57	0	0	5,883	5,827	57	0		5,883	0	0	0	0	1	0	0	1
20	1	4	728d	S	other	NA	NA	NA	1,206	0	0	5	1,211	1,211	0	0		1,211	0	0	0	1	0	0	na	na
20	1	4	728c	S	other	NA	NA	NA	1,206	0	0	5	1,211	1,211	0	0		1,211	0	0	0	1	0	0	na	na
20	1	4	728b	S	other	NA	NA	NA	1,206	0	0	5	1,211	1,211	0	0		1,211	0	0	0	1	0	0	na	na
20	1	4	728a	S	other	NA	NA	NA	1,206	0	0	5	1,211	1,211	0	0		1,211	0	0	0	1	0	0	0	1
21	1	1	904	S	other	NA	NA	NA	1	0	0	0	1	1	0	0		1	1	0	0	0	0	0	1	0
22	1	1	340	M	other	NA	NA	NA	0	19	24	1	44	0	19	25		44	1	0	0	0	0	0	1	0
23	1	1	906	S	liqinj	NA	NA	NA	3,090	0	1,388	0	4,478	3,090	0	1,388		4,478	0	0	0	1	0	0	0	1
24	1	1	712	L	liqinj	NA	NA	NA	48,331	2,898	0	0	51,229	48,331	2,898	0		51,229	0	0	0	0	0	1	0	1
25	1	1	348	S	liqinj	NA	NA	NA	731	2,165	0	0	2,896	731	2,165	0		2,896	0	0	0	1	0	0	0	1
26	1	2	337b	M	other	NA	NA	NA	0	0	83	0	83	0	0	83		83	0	1	0	0	0	0	na	na
26	1	2	337a	M	other	NA	NA	NA	0	0	83	0	83	0	0	83		83	0	1	0	0	0	0	0	1
27	1	2	714b	M	liqinj	NA	NA	NA	5,610	0	0	0	5,610	5,610	0	0		5,610	0	0	0	0	1	0	na	na
27	1	2	714a	M	liqinj	NA	NA	NA	5,610	0	0	0	5,610	5,610	0	0		5,610	0	0	0	0	1	0	0	1
28	1	1	824	S	liqinj	NA	NA	NA	1,849	0	0	55	1,904	1,904	0	0		1,904	0	0	0	1	0	0	0	1
29	1	1	726	S	liqinj	NA	NA	NA	72	6,839	0	0	6,911	72	6,839	0		6,911	0	0	0	0	1	0	0	1
30	1	2	809	L	rotkiln	NA	NA	NA	18,715	94,142	0	361	113,217	18,775	94,442	0		113,217	0	0	0	0	0	1	na	na
30	1	2	810	M	liqinj	NA	NA	NA	18,715	94,142	1	360	113,217	18,775	94,441	1		113,217	0	0	0	0	0	1	0	1
31	1	1	342	S	rotkiln	NA	NA	NA	104	0	28	79	211	166	0	45		211	0	0	1	0	0	0	0	1
32	1	1	905	S	liqinj	NA	NA	NA	2,599	192	0	277	3,068	2,857	211	0		3,068	0	0	0	1	0	0	0	1
33	1	1	229	S	liqinj	NA	NA	NA	860	0	0	0	860	860	0	0		860	0	0	1	0	0	0	0	1
34	1	1	725	S	liqinj	NA	NA	NA	269	0	0	0	269	269	0	0		269	0	0	1	0	0	0	0	1
	TOTAL													591284	269879	7389	0	868,552	6%	4%	8%	29%	21%	33%	9%	94%
																			3	2	4	15	11	17	3	
	Average													11,371	5,190	142	ERR	ERR	8						8	
	Minimum																									
	Maximum													68%	31%	1%	0%									
	Median																									

CALCULATIONS USED TO ESTIMATE QUANTITY OF EACH TYPE OF WASTE BURNED AT EACH FACILITY.

Facilities Represented:

9,999	4,721	128	14,848	2,305,003
67%	32%	1%	100%	

SCALING FACTOR
(On-Site Incinerators)

Combustion systems included in the IEc analysis:	52
Number of facilities included in the IEc analysis:	34
Number of facilities in EER's list:	111
Average number of combustion systems per facility:	1.529
Estimated # of combustion systems not in IEc's analysis:	117.765
[redacted]	[redacted]
Total number of systems in universe	138
Scaling factor to be used for national costs:	**2.65**

FINAL DRAFT: July 1999

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTIO

Option (case sensitive): Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA

HAZARDOUS WASTE REVENUES

Facility Number	Units per Combustion System	Number of Comb. System at Facility	Site ID Number	Size	Type of System	Revenues from HW burned ($/year) Liquids	Sludges	Solids	Unk.	Total	Total Revenues Per Ton	Imputed Revenues ($/yr)	Savings in Energy Costs from HW ($/yr)	($/ton)
3	7	7.1	8	10	11	26	27	28	29	30	31	32	33	34
1	1	1	334	L	rotkiln	$6,072,908	$0	$0	$0	$6,072,908	$306	$6,072,908	NA	NA
2	2	3	805	M	liqinj	**********	$10,658	$4,881	$0	$132,555,247	$2,052	$132,555,247	NA	NA
2	1	3	477	M	liqinj	**********	$10,658	$4,881	$0	$132,555,247	$2,052	$132,555,247	NA	NA
2	2	3	478	M	liqinj	**********	$10,658	$4,881	$0	$132,555,247	$2,052	$132,555,247	NA	NA
3	1	1	806	M	other	$0	$14,258,938	$0	$0	$14,258,938	$680	$14,258,938	NA	NA
4	1	1	704	S	liqinj	$556,755	$0	$0	$0	$556,755	$306	$556,755	NA	NA
5	1	1	708	S	liqinj	$1,985,962	$0	$0	$0	$2,757,212	$425	$2,757,212	NA	NA
6	2	1	711	L	other	$62,711	$0	$0	$0	$62,711	$306	$62,711	NA	NA
7	1	1	504	M	other	$306	$0	$0	$0	$306	$306	$306	NA	NA
8	1	3	480b	M	rotkiln	$753,964	$0	$0	$0	$753,964	$306	$753,964	NA	NA
8	1	3	480a	M	rotkiln	$753,964	$0	$0	$0	$753,964	$306	$753,964	NA	NA
8	1	3	706	M	liqinj	$753,964	$0	$0	$0	$753,964	$306	$753,964	NA	NA
9	1	2	705	M	rotkiln	$391,124	$6,178,378	$0	$0	$6,569,501	$634	$6,569,501	NA	NA
9	1	2	490	M	rotkiln	$391,124	$6,178,378	$0	$0	$6,569,501	$634	$6,569,501	NA	NA
10	1	1	784	S	other	$1,006,747	$0	$0	$0	$1,006,747	$306	$1,006,747	NA	NA
11	1	1	600	L	rotkiln	$4,282,454	$1,322,099	$2,101,404	$0	$8,283,449	$473	$8,283,449	NA	NA
12	1	2	353	M	rotkiln	$7,695,730	$8,080,276	$429,262	$0	$19,437,396	$520	$19,437,396	NA	NA
12	1	2	354	M	rotkiln	$7,695,730	$8,080,276	$429,262	$0	$16,735,738	$448	$16,735,738	NA	NA
13	1	1	808	M	rotkiln	$6,931,953	$2,724	$1,123,379	$0	$8,058,055	$343	$8,058,055	NA	NA
14	1	4	350	M	liqinj	$1,680,140	$152,505	$496,627	$0	$2,329,271	$383	$2,329,271	NA	NA
14	1	4	707	L	liqinj	$1,680,140	$152,505	$496,627	$0	$2,329,271	$383	$2,329,271	NA	NA
14	1	4	702a	M	liqinj	$1,680,140	$152,505	$496,627	$0	$2,362,154	$388	$2,362,154	NA	NA
14	1	4	702b	M	liqinj	$1,680,140	$152,505	$496,627	$0	$2,362,154	$388	$2,362,154	NA	NA
15	1	1	338	L	rotkiln	$48,334	$838,801	$0	$0	$887,135	$638	$887,135	NA	NA
16	1	1	700	M	other	$493,756	$0	$260,854	$0	$754,610	$417	$754,610	NA	NA
17	1	2	915a	M	rotkiln	$3,736,166	$16,731	$557,263	$0	$4,310,159	$341	$4,310,159	NA	NA
17	1	2	915b	M	rotkiln	$3,736,166	$16,731	$557,263	$0	$4,310,159	$341	$4,310,159	NA	NA
18	1	1	701	M	rotkiln	$27,973,355	$1,115,959	$215,987	$0	$29,305,301	$314	$29,305,301	NA	NA
19	1	3	358b	M	liqinj	$1,782,430	$38,550	$0	$0	$2,043,370	$347	$2,043,370	NA	NA
19	1	3	358a	M	liqinj	$1,782,430	$38,550	$0	$0	$2,043,370	$347	$2,043,370	NA	NA
19	1	3	358c	M	liqinj	$1,782,430	$38,550	$0	$0	$2,043,370	$347	$2,043,370	NA	NA
20	1	4	728d	S	other	$370,456	$0	$0	$0	$370,456	$306	$370,456	NA	NA
20	1	4	728c	S	other	$370,456	$0	$0	$0	$370,456	$306	$370,456	NA	NA
20	1	4	728b	S	other	$370,456	$0	$0	$0	$370,456	$306	$370,456	NA	NA
20	1	4	728a	S	other	$370,456	$0	$0	$0	$370,456	$306	$370,456	NA	NA
21	1	1	904	S	other	$306	$0	$0	$0	$346	$346	$346	NA	NA
22	1	1	340	M	other	$0	$13,226	$32,694	$0	$45,920	$1,044	$45,920	NA	NA
23	1	1	906	S	liqinj	$945,259	$0	$1,847,834	$0	$3,642,302	$813	$3,642,302	NA	NA
24	1	1	712	L	liqinj	$14,784,893	$1,971,489	$0	$0	$16,756,382	$327	$16,756,382	NA	NA
25	1	1	348	S	liqinj	$223,620	$1,472,834	$0	$0	$2,085,444	$720	$2,085,444	NA	NA
26	1	2	337b	M	other	$0	$0	$457,899	$0	$457,899	$5,550	$457,899	NA	NA
26	1	2	337a	M	other	$0	$0	$457,899	$0	$457,899	$5,550	$457,899	NA	NA
27	1	2	714b	M	liqinj	$1,715,997	$0	$0	$0	$1,751,000	$312	$1,751,000	NA	NA
27	1	2	714a	M	liqinj	$1,715,997	$0	$0	$0	$1,751,000	$312	$1,751,000	NA	NA
28	1	1	824	S	liqinj	$582,451	$0	$0	$0	$582,451	$306	$582,451	NA	NA
29	1	1	726	S	liqinj	$22,025	$4,652,523	$0	$0	$4,674,548	$676	$4,674,548	NA	NA
30	1	2	809	L	rotkiln	$5,743,377	$64,248,367	$0	$0	$69,991,744	$618	$69,991,744	NA	NA
30	1	2	810	M	liqinj	$5,743,326	$64,247,798	$1,336	$0	$69,992,459	$618	$69,992,459	NA	NA
31	1	1	342	S	rotkiln	$50,855	$0	$59,585	$0	$110,441	$523	$110,441	NA	NA
32	1	1	905	S	liqinj	$873,965	$143,580	$0	$0	$1,346,312	$439	$1,346,312	NA	NA
33	1	1	229	S	liqinj	$263,082	$0	$0	$0	$470,445	$547	$470,445	NA	NA
34	1	1	725	S	liqinj	$82,290	$0	$0	$0	$148,421	$552	$148,421	NA	NA
TOTAL										$721,124,013			$0	
Average						0								$0
Minimum														
Maximum														
Median														

FINAL DRAFT: July 1999

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTIO

Option (case sensitive): Rec(50%)

Option Chosen Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA

COMPLIANCE COSTS

Facility Number	Units per Combustion System	Number of Comb. System at Facility	Site ID Number	Size	Type of System	Compliance Costs: Annualized Capital	Compliance Costs: Annual Fixed O/M	Compliance Costs: Variable O/M	Compliance Costs: Total Annual	Permitting Costs	CEM Costs	Comp., Conf., DRE Testing Costs	Feed Control Costs
3	7	7.1	8	10	11	53	54	55	56	57	58	58.1	194
1	1	1	334	L	rotkiln	$120,472	$299,324	$79,414	$499,210	$5,000	$0	$2,994	$0
2	2	3	805	M	liqinj	$18,692	$125,561	$20,457	$506,689	$5,000	$0	$4,791	$341,979
2	1	3	477	M	liqinj	$29,275	$136,198	$27,504	$192,977	$5,000	$0	$4,791	$0
2	2	3	478	M	liqinj	$26,546	$133,466	$29,409	$189,421	$5,000	$0	$4,791	$0
3	1	1	806	M	other	$79,166	$235,629	$68,478	$864,694	$5,000	$0	$4,791	$481,421
4	1	1	704	S	liqinj	$30,505	$42,839	$35	$200,240	$5,000	$0	$5,489	$126,862
5	1	1	708	S	liqinj	$7,621	$114,306	$10,189	$132,116	$5,000	$0	$5,489	$0
6	2	1	711	L	other	$127,868	$305,803	$3,330	$437,002	$5,000	$0	$2,994	$0
7	1	1	504	M	other	$16,814	$0	$2	$670,513	$5,000	$0	$4,791	$653,697
8	1	3	480b	M	rotkiln	$22,981	$0	$8,080	$800,428	$5,000	$0	$2,994	$769,367
8	1	3	480a	M	rotkiln	$22,981	$0	$8,080	$800,428	$5,000	$0	$2,994	$769,367
8	1	3	706	M	liqinj	$24,733	$131,647	$1,815	$158,195	$5,000	$0	$4,791	$0
9	1	2	705	M	rotkiln	$25,672	$132,589	$25,987	$184,249	$5,000	$0	$4,791	$0
9	1	2	490	M	rotkiln	$19,627	$126,506	$6,142	$152,275	$5,000	$0	$4,791	$0
10	1	1	784	S	other	$47,001	$164,232	$5,684	$625,109	$5,000	$0	$5,489	$408,192
11	1	1	600	L	rotkiln	$0	$0	$0	$54,483	$5,000	$0	$4,791	$54,483
12	1	2	353	M	rotkiln	$29,340	$136,263	$27,307	$192,910	$5,000	$0	$4,791	$0
12	1	2	354	M	rotkiln	$40,326	$0	$8,652	$48,977	$5,000	$0	$4,791	$0
13	1	1	808	M	rotkiln	$95,048	$57,210	$7,226	$329,501	$5,000	$0	$4,791	$170,017
14	1	4	350	M	liqinj	$58,617	$101,344	$5,918	$357,468	$5,000	$0	$5,489	$191,588
14	1	4	707	L	liqinj	$43,149	$149,972	$2,082	$195,203	$5,000	$0	$2,994	$0
14	1	4	702a	M	liqinj	$25,021	$131,937	$7,571	$164,529	$5,000	$0	$4,791	$0
14	1	4	702b	M	liqinj	$25,021	$131,937	$7,571	$164,529	$5,000	$0	$4,791	$0
15	1	1	338	L	rotkiln	$58,008	$56,866	$243	$453,668	$5,000	$0	$2,994	$338,551
16	1	1	700	M	other	$47,542	$129,423	$7,179	$184,144	$5,000	$0	$4,791	$0
17	1	2	915a	M	rotkiln	$170,924	$299,251	$283,935	$754,110	$5,000	$0	$2,994	$0
17	1	2	915b	M	rotkiln	$170,924	$299,251	$283,935	$754,110	$5,000	$0	$2,994	$0
18	1	1	701	M	rotkiln	$12,032	$118,807	$64,853	$217,292	$5,000	$0	$5,489	$21,600
19	1	3	358b	M	liqinj	$12,340	$119,120	$3,903	$135,362	$5,000	$0	$5,489	$0
19	1	3	358a	M	liqinj	$12,340	$119,120	$3,903	$135,362	$5,000	$0	$5,489	$0
19	1	3	358c	M	liqinj	$12,340	$119,120	$3,903	$135,362	$5,000	$0	$5,489	$0
20	1	4	728d	S	other	$7,907	$114,599	$855	$123,360	$5,000	$0	$5,489	$0
20	1	4	728c	S	other	$7,907	$114,599	$855	$123,360	$5,000	$0	$5,489	$0
20	1	4	728b	S	other	$7,907	$114,599	$855	$123,360	$5,000	$0	$5,489	$0
20	1	4	728a	S	other	$7,907	$114,599	$855	$123,360	$5,000	$0	$5,489	$0
21	1	1	904	S	other	$43,213	$161,171	$2	$372,160	$5,000	$0	$5,489	$167,774
22	1	1	340	M	other	$84,249	$147,232	$74	$352,343	$5,000	$0	$4,791	$120,787
23	1	1	906	S	liqinj	$6,179	$112,829	$3,659	$224,439	$5,000	$0	$5,489	$101,772
24	1	1	712	L	liqinj	$146,416	$308,792	$74,664	$529,872	$5,000	$0	$2,994	$0
25	1	1	348	S	liqinj	$0	$0	$0	$0	$5,000	$0	$5,489	$0
26	1	2	337b	M	other	$46,464	$100,666	$423	$147,553	$5,000	$0	$5,489	$0
26	1	2	337a	M	other	$46,464	$100,666	$423	$147,553	$5,000	$0	$5,489	$0
27	1	2	714b	M	liqinj	$17,428	$124,282	$8,768	$336,496	$5,000	$0	$4,791	$186,018
27	1	2	714a	M	liqinj	$17,428	$124,282	$8,768	$336,496	$5,000	$0	$4,791	$186,018
28	1	1	824	S	liqinj	$0	$0	$0	$2,894	$5,000	$0	$5,489	$2,894
29	1	1	726	S	liqinj	$0	$0	$0	$0	$5,000	$0	$5,489	$0
30	1	2	809	L	rotkiln	$28,223	$135,147	$148,380	$397,299	$5,000	$0	$4,791	$85,549
30	1	2	810	M	liqinj	$20,615	$127,503	$74,915	$254,592	$5,000	$0	$4,791	$31,559
31	1	1	342	S	rotkiln	$74,830	$264,214	$1,759	$340,803	$5,000	$0	$5,489	$0
32	1	1	905	S	liqinj	$2,121	$0	$3,165	$11,531	$5,000	$0	$5,489	$6,246
33	1	1	229	S	liqinj	$31,223	$230,613	$2,230	$353,567	$5,000	$0	$5,489	$89,501
34	1	1	725	S	liqinj	$5,463	$112,096	$1,426	$209,887	$5,000	$0	$5,489	$90,902
TOTAL						$2,034,866	$6,425,607	$1,344,862	$15,201,480	$260,000	$0		
Average								$25,863	$292,336				
Minimum													
Maximum								$6,425,607					
Median													

Note: Total Annual Compliance Costs Also Include Feed Control Costs.

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTIO

Option (case sensitive): Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA

COMPLIANCE COSTS, CONTINUED

Facility Number	Units per Combustion System	Number of Comb. System at Facility	Site ID Number	Size	Type of System	Incremental Quantity of Dry Residual (tons/yr)	Residual Disposal Cost ($/yr)	Shutdown Analysis: Number of Weeks Required to Shutdown	Shutdown Analysis: HW burning Revenues Lost During Shutdown	Shutdown Analysis: Net Revenues Lost During Shutdown ($)	Shutdown Analysis: Annualization of Shutdown Costs ($/year)	Total Annual Compliance Costs	Total Annual Compliance Costs per Ton ($/ton)
3	7	7.1	8	10	11	59	60	61	62	63	64	65	66
1	1	1	334	L	rotkiln							$507,203	$26
2	2	3	805	M	liqinj							$516,480	$8
2	1	3	477	M	liqinj							$202,768	$3
2	2	3	478	M	liqinj							$199,213	$3
3	1	1	806	M	other							$874,486	$42
4	1	1	704	S	liqinj							$210,729	$116
5	1	1	708	S	liqinj							$142,605	$22
6	2	1	711	L	other							$444,995	$2,171
7	1	1	504	M	other							$680,304	$680,304
8	1	3	480b	M	rotkiln							$808,422	$328
8	1	3	480a	M	rotkiln							$808,422	$328
8	1	3	706	M	liqinj							$167,986	$68
9	1	2	705	M	rotkiln							$194,040	$19
9	1	2	490	M	rotkiln							$162,067	$16
10	1	1	784	S	other							$635,598	$193
11	1	1	600	L	rotkiln							$64,274	$4
12	1	2	353	M	rotkiln							$202,702	$5
12	1	2	354	M	rotkiln							$58,769	$2
13	1	1	808	M	rotkiln							$339,292	$14
14	1	4	350	M	liqinj							$367,956	$60
14	1	4	707	L	liqinj							$203,197	$33
14	1	4	702a	M	liqinj							$174,320	$29
14	1	4	702b	M	liqinj							$174,320	$29
15	1	1	338	L	rotkiln							$461,662	$332
16	1	1	700	M	other							$193,935	$107
17	1	2	915a	M	rotkiln							$762,104	$60
17	1	2	915b	M	rotkiln							$762,104	$60
18	1	1	701	M	rotkiln							$227,781	$2
19	1	3	358b	M	liqinj							$145,851	$25
19	1	3	358a	M	liqinj							$145,851	$25
19	1	3	358c	M	liqinj							$145,851	$25
20	1	4	728d	S	other							$133,849	$111
20	1	4	728c	S	other							$133,849	$111
20	1	4	728b	S	other							$133,849	$111
20	1	4	728a	S	other							$133,849	$111
21	1	1	904	S	other							$382,649	$382,649
22	1	1	340	M	other							$362,134	$8,230
23	1	1	906	S	liqinj							$234,928	$52
24	1	1	712	L	liqinj							$537,866	$10
25	1	1	348	S	liqinj							$10,489	$4
26	1	2	337b	M	other							$158,042	$1,916
26	1	2	337a	M	other							$158,042	$1,916
27	1	2	714b	M	liqinj							$346,288	$62
27	1	2	714a	M	liqinj							$346,288	$62
28	1	1	824	S	liqinj							$13,383	$7
29	1	1	726	S	liqinj							$10,489	$2
30	1	2	809	L	rotkiln							$407,090	$4
30	1	2	810	M	liqinj							$264,384	$2
31	1	1	342	S	rotkiln							$351,292	$1,665
32	1	1	905	S	liqinj							$22,020	$7
33	1	1	229	S	liqinj							$364,056	$423
34	1	1	725	S	liqinj							$220,376	$819
TOTAL						$0					Named: OITAC	$15,710,497	$41,693,242
Average												$302,125	$20,822
Minimum												$10,489	$2
Maximum												$874,486	$680,304
Median												OIMEDPT>>>	$52

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTIO

Option (case sensitive): Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA

BASELINE COSTS OF BURNING HAZARDOUS WASTE

Facility Number	Units per Combustion System	Number of Comb. System at Facility	Site ID Number	Size	Type of System	Estimated Number of FTEs Per Comb.System	Estimated Number of FTEs Per Facility	Fixed Annual Capital Costs	Fixed O & M Costs	Variable Costs Per Ton	Variable Costs Per Year	Total Annual Baseline Costs	Total Annual Baseline Costs ($/ton)	Current Operating Profits ($/year)	Current Operatin Profits ($/ton)	Baseline Scenario Distribution of Comb. Systems by Operating Profits				
																<$0	$0-50	$51-100	$101-150	>$150
3	7	7.1	8	10	11	67.2	67.3	68	69	70	71	72	72.1	73	74	74.a	74.b	74.c	74.d	74.e
1	1	1	334	L	rotkiln	12	4	$1,475,913	$729,854	$26.35	$523,031	$2,728,798	$137	$3,344,110	$168	0	0	0	0	1
2	2	3	805	M	liqinj	12	1	$848,317	$376,494	$49.16	$3,175,537	$4,400,348	$68	$128,154,899	$1,984	0	0	0	0	1
2	1	3	477	M	liqinj	3	1	$507,227	$253,409	$34.80	$2,247,988	$3,008,624	$47	$129,546,622	$2,006	0	0	0	0	1
2	2	3	478	M	liqinj	3	1	$457,374	$215,019	$12.93	$835,287	$1,507,680	$23	$131,047,566	$2,029	0	0	0	0	1
3	1	1	806	M	other	12	3	$1,070,708	$492,638	$23.76	$497,991	$2,061,338	$98	$12,197,601	$582	0	0	0	0	1
4	1	1	704	S	liqinj	2	1	$287,912	$124,299	$4.99	$9,075	$421,287	$231	$135,468	$74	0	0	1	0	0
5	1	1	708	S	liqinj	2	1	$264,580	$176,280	$412.01	$2,674,800	$3,115,660	$480	($358,448)	($55)	1	0	0	0	0
6	2	1	711	L	other	12	4	$1,473,782	$691,350	$89.12	$18,270	$2,183,402	$10,651	($2,120,690)	**********	1	0	0	0	0
7	1	1	504	M	other	12	3	$933,613	$447,651	$75.54	$76	$1,381,339	**********	($1,381,034)		1	0	0	0	0
8	1	3	480b	M	rotkiln	12	1	$1,165,437	$479,299	$91.63	$225,834	$1,870,569	$759	($1,116,605)	($453)	1	0	0	0	0
8	1	3	480a	M	rotkiln	12	1	$1,165,437	$479,299	$84.59	$208,496	$1,853,231	$752	($1,099,267)	($446)	1	0	0	0	0
8	1	3	706	M	liqinj	3	1	$426,745	$200,423	$37.22	$91,725	$718,893	$292	$35,071	$14	0	1	0	0	0
9	1	2	705	M	rotkiln	12	1	$1,098,977	$538,357	$187.85	$1,946,200	$3,583,534	$346	$2,985,967	$288	0	0	0	0	1
9	1	2	490	M	rotkiln	12	1	$1,154,525	$477,047	$87.88	$910,469	$2,542,040	$245	$4,027,462	$389	0	0	0	0	1
10	1	1	784	S	other	2	1	$247,461	$110,771	$24.58	$80,908	$439,140	$133	$567,607	$172	0	0	0	0	1
11	1	1	600	L	rotkiln	12	3	$1,420,381	$658,085	$286.86	$5,026,137	$7,104,604	$405	$1,178,845	$67	0	0	1	0	0
12	1	2	353	M	rotkiln	12	1	$1,494,400	$657,456	$111.46	$4,163,650	$6,315,506	$169	$13,121,890	$351	0	0	0	0	1
12	1	2	354	M	rotkiln	12	1	$1,309,424	$601,362	$289.33	$10,808,492	**********	$340	$4,016,460	$108	0	0	0	1	0
13	1	1	808	M	rotkiln	12	3	$1,363,202	$651,551	$156.75	$3,684,992	$5,699,745	$242	$2,358,310	$100	0	0	0	1	0
14	1	4	350	M	liqinj	2	0	$354,379	$144,720	$4.30	$26,188	$525,286	$86	$1,803,985	$296	0	0	0	0	1
14	1	4	707	L	liqinj	4	1	$579,970	$267,052	$24.68	$150,288	$997,310	$164	$1,331,961	$219	0	0	0	0	1
14	1	4	702a	M	liqinj	3	0	$394,811	$186,398	$119.08	$725,107	$1,306,316	$215	$1,055,838	$173	0	0	0	0	1
14	1	4	702b	M	liqinj	3	0	$394,811	$186,398	$119.08	$725,107	$1,306,316	$215	$1,055,838	$173	0	0	0	0	1
15	1	1	338	L	rotkiln	12	4	$1,780,392	$812,304	$40.58	$56,442	$2,649,139	$1,904	($1,762,004)	($1,267)	1	0	0	0	0
16	1	1	700	M	other	12	3	$416,837	$306,414	$219.84	$397,908	$1,121,159	$619	($366,550)	($203)	1	0	0	0	0
17	1	2	915a	M	rotkiln	12	2	$1,603,158	$640,270	$27.58	$349,028	$2,592,457	$205	$1,717,702	$136	0	0	0	1	0
17	1	2	915b	M	rotkiln	12	2	$1,603,158	$640,270	$27.58	$349,028	$2,592,457	$205	$1,717,702	$136	0	0	0	1	0
18	1	1	701	M	rotkiln	6	1	$846,286	$369,832	$140.25	$13,078,031	**********	$153	$15,011,152	$161	0	0	0	0	1
19	1	3	358b	M	liqinj	2	0	$352,267	$160,893	$215.29	$1,266,646	$1,779,806	$303	$263,564	$45	0	1	0	0	0
19	1	3	358a	M	liqinj	2	0	$352,267	$160,893	$215.29	$1,266,646	$1,779,806	$303	$263,564	$45	0	1	0	0	0
19	1	3	358c	M	liqinj	2	0	$352,267	$160,893	$215.29	$1,266,646	$1,779,806	$303	$263,564	$45	0	1	0	0	0
20	1	4	728d	S	other	6	0	$278,619	$132,926	$121.96	$147,698	$559,243	$462	($188,787)	($156)	1	0	0	0	0
20	1	4	728c	S	other	6	0	$278,619	$132,926	$118.93	$144,021	$555,565	$459	($185,110)	($153)	1	0	0	0	0
20	1	4	728b	S	other	6	0	$278,619	$132,926	$121.96	$147,698	$559,243	$462	($188,787)	($156)	1	0	0	0	0
20	1	4	728a	S	other	6	0	$278,619	$132,926	$118.93	$144,021	$555,565	$459	($185,110)	($153)	1	0	0	0	0
21	1	1	904	S	other	6	1	$291,543	$141,864	$20.64	$21	$433,428	$433,428	($433,082)		1	0	0	0	0
22	1	1	340	M	other	12	3	$908,142	$481,888	$127.30	$5,601	$1,395,631	$31,719	($1,349,711)		1	0	0	0	0
23	1	1	906	S	liqinj	2	1	$250,215	$133,405	$414.09	$1,854,292	$2,237,911	$500	$1,404,390	$314	0	0	0	0	1
24	1	1	712	L	liqinj	4	3	$575,329	$292,872	$6.60	$337,895	$1,206,097	$24	$15,550,285	$304	0	0	0	0	1
25	1	1	348	S	liqinj	2	1	$322,494	$182,404	$603.71	$1,748,337	$2,253,235	$778	($167,791)	($58)	1	0	0	0	0
26	1	2	337b	M	other	6	1	$296,870	$139,214	$72.51	$5,982	$442,066	$5,358	$15,833	$192	0	0	0	0	1
26	1	2	337a	M	other	6	1	$296,870	$139,214	$72.51	$5,982	$442,066	$5,358	$15,833	$192	0	0	0	0	1
27	1	2	714b	M	liqinj	3	1	$439,169	$202,061	$144.52	$810,662	$1,451,892	$259	$299,109	$53	0	0	1	0	0
27	1	2	714a	M	liqinj	3	1	$439,169	$202,061	$144.52	$810,662	$1,451,892	$259	$299,109	$53	0	0	1	0	0
28	1	1	824	S	liqinj	2	1	$213,078	$133,358	$83.41	$158,816	$505,252	$265	$77,199	$41	0	1	0	0	0
29	1	1	726	S	liqinj	2	1	$254,333	$149,622	$102.76	$710,180	$1,114,135	$161	$3,560,413	$515	0	0	0	0	1
30	1	2	809	L	rotkiln	12	1	$1,105,143	$462,770	$64.70	$7,325,592	$8,893,505	$79	$61,098,239	$540	0	0	0	0	1
30	1	2	810	M	liqinj	3	1	$429,523	$229,236	$78.29	$8,864,036	$9,522,795	$84	$60,469,664	$534	0	0	0	0	1
31	1	1	342	S	rotkiln	6	1	$557,865	$269,180	$95.58	$20,168	$847,213	$4,015	($736,773)	($3,492)	1	0	0	0	0
32	1	1	905	S	liqinj	2	1	$221,441	$137,474	$362.05	$1,110,778	$1,469,693	$479	($123,381)	($40)	1	0	0	0	0
33	1	1	229	S	liqinj	2	1	$201,167	$115,895	$480.71	$413,411	$730,474	$849	($260,029)	($302)	1	0	0	0	0
34	1	1	725	S	liqinj	2	1	$191,292	$112,864	$875.18	$235,423	$539,579	$2,006	($391,159)	($1,454)	1	0	0	0	0
TOTAL																18	5	4	4	21
Average													$36,325							
Minimum															$136					
Maximum															(OIBASPRFT)					
Median																				

median baseline operating profits per ton
from MEDIANPRFT macro

FINAL DRAFT: July 1999

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTIO

Option (case sensitive): Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA | BASELINE COSTS, con.

Facility Number	Units per Combustion System	Number of Comb. System at Facility	Site ID Number	Size	Type of System	Total Annual Baseline Costs (without capital costs) ($/year)	Total Annual Baseline Costs (without capital costs) ($/ton)	Current Operating Profits (without capital costs) ($/ton)
3	7	7.1	8	10	11	74.1	74.2	74.3
1	1	1	334	L	rotkiln	$1,252,885	$63	$243
2	2	3	805	M	liqinj	$3,552,031	$55	$1,997
2	1	3	477	M	liqinj	$2,501,397	$39	$2,014
2	2	3	478	M	liqinj	$1,050,306	$16	$2,036
3	1	1	806	M	other	$990,629	$47	$633
4	1	1	704	S	liqinj	$133,375	$73	$233
5	1	1	708	S	liqinj	$2,851,080	$439	($14)
6	2	1	711	L	other	$709,620	$3,462	($3,156)
7	1	1	504	M	other	$447,727	$447,727	($447,421)
8	1	3	480b	M	rotkiln	$705,132	$286	$20
8	1	3	480a	M	rotkiln	$687,795	$279	$27
8	1	3	706	M	liqinj	$292,148	$119	$187
9	1	2	705	M	rotkiln	$2,484,557	$240	$394
9	1	2	490	M	rotkiln	$1,387,515	$134	$500
10	1	1	784	S	other	$191,679	$58	$248
11	1	1	600	L	rotkiln	$5,684,223	$324	$148
12	1	2	353	M	rotkiln	$4,821,106	$129	$391
12	1	2	354	M	rotkiln	$11,409,854	$305	$143
13	1	1	808	M	rotkiln	$4,336,543	$184	$158
14	1	4	350	M	liqinj	$170,907	$28	$354
14	1	4	707	L	liqinj	$417,340	$69	$314
14	1	4	702a	M	liqinj	$911,505	$150	$238
14	1	4	702b	M	liqinj	$911,505	$150	$238
15	1	1	338	L	rotkiln	$868,746	$625	$13
16	1	1	700	M	other	$704,322	$389	$28
17	1	2	915a	M	rotkiln	$989,298	$78	$262
17	1	2	915b	M	rotkiln	$989,298	$78	$262
18	1	1	701	M	rotkiln	$13,447,862	$144	$170
19	1	3	358b	M	liqinj	$1,427,540	$243	$105
19	1	3	358a	M	liqinj	$1,427,540	$243	$105
19	1	3	358c	M	liqinj	$1,427,540	$243	$105
20	1	4	728d	S	other	$280,624	$232	$74
20	1	4	728c	S	other	$276,946	$229	$77
20	1	4	728b	S	other	$280,624	$232	$74
20	1	4	728a	S	other	$276,946	$229	$77
21	1	1	904	S	other	$141,885	$141,885	($141,539)
22	1	1	340	M	other	$487,489	$11,079	($10,036)
23	1	1	906	S	liqinj	$1,987,697	$444	$369
24	1	1	712	L	liqinj	$630,768	$12	$315
25	1	1	348	S	liqinj	$1,930,742	$667	$53
26	1	2	337b	M	other	$145,196	$1,760	$3,790
26	1	2	337a	M	other	$145,196	$1,760	$3,790
27	1	2	714b	M	liqinj	$1,012,723	$181	$132
27	1	2	714a	M	liqinj	$1,012,723	$181	$132
28	1	1	824	S	liqinj	$292,174	$153	$152
29	1	1	726	S	liqinj	$859,802	$124	$552
30	1	2	809	L	rotkiln	$7,788,362	$69	$549
30	1	2	810	M	liqinj	$9,093,272	$80	$538
31	1	1	342	S	rotkiln	$289,348	$1,371	($848)
32	1	1	905	S	liqinj	$1,248,252	$407	$32
33	1	1	229	S	liqinj	$529,307	$615	($68)
34	1	1	725	S	liqinj	$348,287	$1,295	($743)
TOTAL								
Average						$1,889,257	$11,912	($11,184)
Minimum						$133,375	$12	($447,421)
Maximum						$13,447,862	$447,727	$3,790
Median								

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTIO

Option (case sensitive): Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA

BASELINE BEQ

SUM OF BASELINE AND COMPLIANCE COSTS

Facility Number	Units per Combustion System	Number of Comb. System at Facility	Site ID Number	Size	Type of System	Short Term	Percentile Summary: Combustion Systems Below	Combustion Systems Above	Facilities Below: Are all Systems?	Facilities Below: Below Counter	Long Term	Percentile Summary: Combustion Systems Below	Combustion Systems Above	Facilities Below: Are all Systems?	Facilities Below: Below Counter	Total Baseline and Compliance Costs of HW burning ($/yr)	Total Baseline and Compliance Costs of HW burning ($/ton)	Total O&M Baseline and Compliance Costs of HW burning ($/yr)	Total O&M Baseline and Compliance Costs of HW burning ($/ton)
3	7	7.1	8	10	11	74.4	74.5	74.6	74.3	74.8	74.3	74.10	74.3	74.12	74.13	75		76	77
1	1	1	334	L	rotkiln	2,611	0	1	no	0	7,890	0	1	no	0	$3,236,001	$163	$1,760,089	$89
2	2	3	805	M	liqinj	188	0	1	no	0	611	0	1	no	0	$4,916,828	$76	$4,068,511	$63
2	1	3	477	M	liqinj	126	0	1	no	0	377	0	1	no	0	$3,211,392	$50	$2,704,165	$42
2	2	3	478	M	liqinj	105	0	1	no	0	330	0	1	no	0	$1,706,893	$26	$1,249,519	$19
3	1	1	806	M	other	750	0	1	no	0	2,381	0	1	no	0	$2,935,823	$140	$1,865,115	$89
4	1	1	704	S	liqinj	413	0	1	no	0	1,370	0	1	no	0	$632,016	$347	$344,104	$189
5	1	1	708	S	liqinj	13,886	1	0	yes	1	34,729	1	0	yes	1	$3,258,264	$502	$2,993,684	$461
6	2	1	711	L	other	3,189	1	0	yes	1	9,987	1	0	yes	1	$2,628,397	$12,821	$1,154,615	$5,632
7	1	1	504	M	other	1,943	1	0	yes	1	5,996	1	0	yes	1	$2,061,643	$2,061,643	$1,128,031	$1,128,031
8	1	3	480b	M	rotkiln	2,237	0	1	no	0	7,676	1	0	no	0	$2,678,991	$1,087	$1,513,554	$614
8	1	3	480a	M	rotkiln	2,166	0	1	no	0	7,432	1	0	no	0	$2,661,653	$1,080	$1,496,217	$607
8	1	3	706	M	liqinj	746	0	1	no	0	2,334	0	1	no	0	$886,879	$360	$460,134	$187
9	1	2	705	M	rotkiln	1,206	0	1	no	0	3,669	0	1	no	0	$3,777,574	$365	$2,678,597	$259
9	1	2	490	M	rotkiln	873	0	1	no	0	2,987	0	1	no	0	$2,704,106	$261	$1,549,582	$150
10	1	1	784	S	other	394	0	1	no	0	1,273	0	1	no	0	$1,074,738	$327	$827,277	$251
11	1	1	600	L	rotkiln	3,540	0	1	no	0	11,180	0	1	no	0	$7,168,878	$409	$5,748,497	$328
12	1	2	353	M	rotkiln	1,608	0	1	no	0	5,263	0	1	no	0	$6,518,208	$174	$5,023,808	$134
12	1	2	354	M	rotkiln	3,790	0	1	no	0	12,043	0	1	no	0	$12,778,047	$342	$11,468,623	$307
13	1	1	808	M	rotkiln	3,503	0	1	no	0	10,831	0	1	no	0	$6,039,038	$257	$4,675,836	$199
14	1	4	350	M	liqinj	383	0	1	no	0	1,320	0	1	no	0	$893,242	$147	$538,864	$88
14	1	4	707	L	liqinj	746	0	1	no	0	2,367	0	1	no	0	$1,200,507	$197	$620,537	$102
14	1	4	702a	M	liqinj	693	0	1	no	0	2,162	0	1	no	0	$1,480,636	$243	$1,085,825	$178
14	1	4	702b	M	liqinj	693	0	1	no	0	2,162	0	1	no	0	$1,480,636	$243	$1,085,825	$178
15	1	1	338	L	rotkiln	1,360	0	1	no	0	4,341	1	0	yes	1	$3,110,800	$2,236	$1,330,408	$956
16	1	1	700	M	other	1,555	0	1	no	0	3,670	1	0	yes	1	$1,315,095	$727	$898,258	$496
17	1	2	915a	M	rotkiln	2,046	0	1	no	0	7,168	0	1	no	0	$3,354,561	$265	$1,751,403	$138
17	1	2	915b	M	rotkiln	2,046	0	1	no	0	7,168	0	1	no	0	$3,354,561	$265	$1,751,403	$138
18	1	1	701	M	rotkiln	2,125	0	1	no	0	6,988	0	1	no	0	$14,521,929	$156	$13,675,643	$147
19	1	3	358b	M	liqinj	1,219	0	1	no	0	3,887	0	1	no	0	$1,925,657	$327	$1,573,391	$267
19	1	3	358a	M	liqinj	1,219	0	1	no	0	3,887	0	1	no	0	$1,925,657	$327	$1,573,391	$267
19	1	3	358c	M	liqinj	1,219	0	1	no	0	3,887	0	1	no	0	$1,925,657	$327	$1,573,391	$267
20	1	4	728d	S	other	723	0	1	no	0	2,237	1	0	yes	1	$693,092	$572	$414,473	$342
20	1	4	728c	S	other	711	0	1	no	0	2,201	1	0	yes	0	$689,415	$569	$410,796	$339
20	1	4	728b	S	other	723	0	1	no	0	2,237	1	0	yes	0	$693,092	$572	$414,473	$342
20	1	4	728a	S	other	711	0	1	no	0	2,201	1	0	yes	0	$689,415	$569	$410,796	$339
21	1	1	904	S	other	436	1	0	yes	1	1,331	1	0	yes	1	$816,077	$816,077	$524,534	$524,534
22	1	1	340	M	other	526	1	0	yes	1	1,517	1	0	yes	1	$1,757,765	$39,949	$849,623	$19,310
23	1	1	906	S	liqinj	334	0	1	no	0	961	0	1	no	0	$2,472,839	$552	$2,222,625	$496
24	1	1	712	L	liqinj	914	0	1	no	0	2,709	0	1	no	0	$1,743,963	$34	$1,168,633	$23
25	1	1	348	S	liqinj	1,567	0	1	no	0	4,337	1	0	yes	1	$2,263,724	$782	$1,941,231	$670
26	1	2	337b	M	other	25	0	1	no	0	80	0	1	no	0	$600,108	$7,274	$303,237	$3,676
26	1	2	337a	M	other	25	0	1	no	0	80	0	1	no	0	$600,108	$7,274	$303,237	$3,676
27	1	2	714b	M	liqinj	1,205	0	1	no	0	3,825	0	1	no	0	$1,798,179	$321	$1,359,011	$242
27	1	2	714a	M	liqinj	1,205	0	1	no	0	3,825	0	1	no	0	$1,798,179	$321	$1,359,011	$242
28	1	1	824	S	liqinj	599	0	1	no	0	1,557	0	1	no	0	$518,635	$272	$305,557	$160
29	1	1	726	S	liqinj	261	0	1	no	0	704	0	1	no	0	$1,124,624	$163	$870,291	$126
30	1	2	809	L	rotkiln	836	0	1	no	0	2,833	0	1	no	0	$9,300,595	$82	$8,195,452	$72
30	1	2	810	M	liqinj	425	0	1	no	0	1,220	0	1	no	0	$9,787,179	$86	$9,357,656	$83
31	1	1	342	S	rotkiln	629	1	0	yes	1	1,933	1	0	yes	1	$1,198,505	$5,680	$640,640	$3,036
32	1	1	905	S	liqinj	1,791	0	1	no	0	4,675	1	0	yes	1	$1,491,713	$486	$1,270,272	$414
33	1	1	229	S	liqinj	1,748	1	0	yes	1	4,781	1	0	yes	1	$1,094,529	$1,273	$893,362	$1,039
34	1	1	725	S	liqinj	**********	1	0	yes	1	1,000,000	1	0	yes	1	$759,955	$2,825	$568,663	$2,114
							8												
TOTAL							15%	85%	0%	24%		35%	65%	0%	38%				
Average																	$57,147		
Minimum																	$26		
Maximum																	$2,061,643		
Median																	$342		

FINAL DRAFT: July 1999

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTIO

Option (case sensitive): Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA

BASELINE EMPLOYMENT IMPACTS

Option: Rec(50%)

Price Pass-Through Assumed: 75%

Facility Number	Units per Combustion System	Number of Comb. System at Facility	Site ID Number	Size	Type of System	ST (low-end) FTEs Affected	ST (high-end) FTEs Affected	LT (low-end) FTEs Affected	LT (high-end) FTEs Affected
3	7	7.1	8	10	11	190	191	192	193
1	1	1	334	L	rotkiln	0	0	0	0
2	2	3	805	M	liqinj	0	0	0	0
2	1	3	477	M	liqinj	0	0	0	0
2	2	3	478	M	liqinj	0	0	0	0
3	1	1	806	M	other	0	0	0	0
4	1	1	704	S	liqinj	0	0	0	0
5	1	1	708	S	liqinj	3	3	3	3
6	2	1	711	L	other	16	16	16	16
7	1	1	504	M	other	15	15	15	15
8	1	3	480b	M	rotkiln	0	0	0	12
8	1	3	480a	M	rotkiln	0	0	0	12
8	1	3	706	M	liqinj	0	0	0	0
9	1	2	705	M	rotkiln	0	0	0	0
9	1	2	490	M	rotkiln	0	0	0	0
10	1	1	784	S	other	0	0	0	0
11	1	1	600	L	rotkiln	0	0	0	0
12	1	2	353	M	rotkiln	0	0	0	0
12	1	2	354	M	rotkiln	0	0	0	0
13	1	1	808	M	rotkiln	0	0	0	0
14	1	4	350	M	liqinj	0	0	0	0
14	1	4	707	L	liqinj	0	0	0	0
14	1	4	702a	M	liqinj	0	0	0	0
14	1	4	702b	M	liqinj	0	0	0	0
15	1	1	338	L	rotkiln	0	0	16	16
16	1	1	700	M	other	0	0	15	15
17	1	2	915a	M	rotkiln	0	0	0	0
17	1	2	915b	M	rotkiln	0	0	0	0
18	1	1	701	M	rotkiln	0	0	0	0
19	1	3	358b	M	liqinj	0	0	0	0
19	1	3	358a	M	liqinj	0	0	0	0
19	1	3	358c	M	liqinj	0	0	0	0
20	1	4	728d	S	other	0	0	6	6
20	1	4	728c	S	other	0	0	6	6
20	1	4	728b	S	other	0	0	6	6
20	1	4	728a	S	other	0	0	6	6
21	1	1	904	S	other	7	7	7	7
22	1	1	340	M	other	15	15	15	15
23	1	1	906	S	liqinj	0	0	0	0
24	1	1	712	L	liqinj	0	0	0	0
25	1	1	348	S	liqinj	0	0	3	3
26	1	2	337b	M	other	0	0	0	0
26	1	2	337a	M	other	0	0	0	0
27	1	2	714b	M	liqinj	0	0	0	0
27	1	2	714a	M	liqinj	0	0	0	0
28	1	1	824	S	liqinj	0	0	0	0
29	1	1	726	S	liqinj	0	0	0	0
30	1	2	809	L	rotkiln	0	0	0	0
30	1	2	810	M	liqinj	0	0	0	0
31	1	1	342	S	rotkiln	7	7	7	7
32	1	1	905	S	liqinj	0	0	3	3
33	1	1	229	S	liqinj	3	3	3	3
34	1	1	725	S	liqinj	3	3	3	3
TOTAL						68.6	68.6	128.9	152.6
Average						182	182	342	405
Minimum						(oiuempl_bslowst)	(oiuempl_bshigst)	(oiuempl_bslowlt)	(oiuempl_bshiglt)
Maximum									
Median									

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTIO

Option (case sensitive): Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA

BASIC SCREENS

Facility Number	Units per Combustion System	Number of Comb. System at Facility	Site ID Number	Size	Type of System	New Compliance Costs as a Percentage of Baseline H Burning Costs	Used for Percentile Summary Table <10%	10-20%	21-50%	51-75%	>75%	Total Baseline and Incremental Compliance Costs as Percent of HW Revenues	Baseline O&M and Incremental Compliance Costs as Percent of HW Revenues	Compliance Costs as Percent of Waste Burning Revenues	Used for Percentile Summary Table Not Burning	<10%	10-20%	21-50%	51-75%	>75%	Compliance Costs as Percent of Waste Burning Operating Profits
3	7	7.1	8	10	11	78	79	80	81	82	83	84	85	88	89	90	90.1	90.2	91	92	93
1	1	1	334	L	rotkiln	19%	0	1	0	0	0	53.3%	29.0%	8%	0	1	0	0	0	0	15%
2	2	3	805	M	liqinj	12%	0	1	0	0	0	3.7%	3.1%	0%	0	1	0	0	0	0	0%
2	1	3	477	M	liqinj	7%	1	0	0	0	0	2.4%	2.0%	0%	0	1	0	0	0	0	0%
2	2	3	478	M	liqinj	13%	0	1	0	0	0	1.3%	0.9%	0%	0	1	0	0	0	0	0%
3	1	1	806	M	other	42%	0	0	1	0	0	20.6%	13.1%	6%	0	1	0	0	0	0	7%
4	1	1	704	S	liqinj	50%	0	0	0	1	0	113.5%	61.8%	38%	0	0	0	1	0	0	156%
5	1	1	708	S	liqinj	5%	1	0	0	0	0	118.2%	108.6%	5%	0	1	0	0	0	0	-40%
6	2	1	711	L	other	20%	0	0	1	0	0	4191.3%	1841.2%	710%	0	0	0	0	0	1	-21%
7	1	1	504	M	other	49%	0	0	1	0	0	673939.8%	368747.0%	222388%	0	0	0	0	0	1	ERR
8	1	3	480b	M	rotkiln	43%	0	0	1	0	0	355.3%	200.7%	107%	0	0	0	0	0	1	-72%
8	1	3	480a	M	rotkiln	44%	0	0	1	0	0	353.0%	198.4%	107%	0	0	0	0	0	1	-74%
8	1	3	706	M	liqinj	23%	0	0	1	0	0	117.6%	61.0%	22%	0	0	0	1	0	0	479%
9	1	2	705	M	rotkiln	5%	1	0	0	0	0	57.5%	40.8%	3%	0	1	0	0	0	0	6%
9	1	2	490	M	rotkiln	6%	1	0	0	0	0	41.2%	23.6%	2%	0	1	0	0	0	0	4%
10	1	1	784	S	other	145%	0	0	0	0	1	106.8%	82.2%	63%	0	0	0	0	1	0	112%
11	1	1	600	L	rotkiln	1%	1	0	0	0	0	86.5%	69.4%	1%	0	1	0	0	0	0	5%
12	1	2	353	M	rotkiln	3%	1	0	0	0	0	33.5%	25.8%	1%	0	1	0	0	0	0	2%
12	1	2	354	M	rotkiln	0%	1	0	0	0	0	76.4%	68.5%	0%	0	1	0	0	0	0	1%
13	1	1	808	M	rotkiln	6%	1	0	0	0	0	74.9%	58.0%	4%	0	1	0	0	0	0	14%
14	1	4	350	M	liqinj	70%	0	0	0	1	0	38.3%	23.1%	16%	0	0	1	0	0	0	20%
14	1	4	707	L	liqinj	20%	0	0	1	0	0	51.5%	26.6%	9%	0	1	0	0	0	0	15%
14	1	4	702a	M	liqinj	13%	0	1	0	0	0	62.7%	46.0%	7%	0	1	0	0	0	0	17%
14	1	4	702b	M	liqinj	13%	0	1	0	0	0	62.7%	46.0%	7%	0	1	0	0	0	0	17%
15	1	1	338	L	rotkiln	17%	0	1	0	0	0	350.7%	150.0%	52%	0	0	0	0	1	0	-26%
16	1	1	700	M	other	17%	0	1	0	0	0	174.3%	119.0%	26%	0	0	0	1	0	0	-53%
17	1	2	915a	M	rotkiln	29%	0	0	1	0	0	77.8%	40.6%	18%	0	0	1	0	0	0	44%
17	1	2	915b	M	rotkiln	29%	0	0	1	0	0	77.8%	40.6%	18%	0	0	1	0	0	0	44%
18	1	1	701	M	rotkiln	2%	1	0	0	0	0	49.6%	46.7%	1%	0	1	0	0	0	0	2%
19	1	3	358b	M	liqinj	8%	1	0	0	0	0	94.2%	77.0%	7%	0	1	0	0	0	0	55%
19	1	3	358a	M	liqinj	8%	1	0	0	0	0	94.2%	77.0%	7%	0	1	0	0	0	0	55%
19	1	3	358c	M	liqinj	8%	1	0	0	0	0	94.2%	77.0%	7%	0	1	0	0	0	0	55%
20	1	4	728d	S	other	24%	0	0	1	0	0	187.1%	111.9%	36%	0	0	0	1	0	0	-71%
20	1	4	728c	S	other	24%	0	0	1	0	0	186.1%	110.9%	36%	0	0	0	1	0	0	-72%
20	1	4	728b	S	other	24%	0	0	1	0	0	187.1%	111.9%	36%	0	0	0	1	0	0	-71%
20	1	4	728a	S	other	24%	0	0	1	0	0	186.1%	110.9%	36%	0	0	0	1	0	0	-72%
21	1	1	904	S	other	88%	0	0	0	0	1	235622.7%	151446.5%	110481%	0	0	0	0	0	1	ERR
22	1	1	340	M	other	26%	0	0	1	0	0	3827.9%	1850.2%	789%	0	0	0	0	0	1	ERR
23	1	1	906	S	liqinj	10%	0	1	0	0	0	67.9%	61.0%	6%	0	1	0	0	0	0	17%
24	1	1	712	L	liqinj	45%	0	0	1	0	0	10.4%	7.0%	3%	0	1	0	0	0	0	3%
25	1	1	348	S	liqinj	0%	1	0	0	0	0	108.5%	93.1%	1%	0	1	0	0	0	0	-6%
26	1	2	337b	M	other	36%	0	0	1	0	0	131.1%	66.2%	35%	0	0	0	1	0	0	998%
26	1	2	337a	M	other	36%	0	0	1	0	0	131.1%	66.2%	35%	0	0	0	1	0	0	998%
27	1	2	714b	M	liqinj	24%	0	0	1	0	0	102.7%	77.6%	20%	0	0	1	0	0	0	116%
27	1	2	714a	M	liqinj	24%	0	0	1	0	0	102.7%	77.6%	20%	0	0	1	0	0	0	116%
28	1	1	824	S	liqinj	3%	1	0	0	0	0	89.0%	52.5%	2%	0	1	0	0	0	0	17%
29	1	1	728	S	liqinj	1%	1	0	0	0	0	24.1%	18.6%	0%	0	1	0	0	0	0	0%
30	1	2	809	L	rotkiln	5%	1	0	0	0	0	13.3%	11.7%	1%	0	1	0	0	0	0	1%
30	1	2	810	M	liqinj	3%	1	0	0	0	0	14.0%	13.4%	0%	0	1	0	0	0	0	0%
31	1	1	342	S	rotkiln	41%	0	0	1	0	0	1085.2%	580.1%	318%	0	0	0	0	0	1	-48%
32	1	1	905	S	liqinj	1%	1	0	0	0	0	110.8%	94.4%	2%	0	1	0	0	0	0	-18%
33	1	1	229	S	liqinj	50%	0	0	1	0	0	232.7%	189.9%	77%	0	0	0	0	0	1	-140%
34	1	1	725	S	liqinj	41%	0	0	1	0	0	512.0%	383.1%	148%	0	0	0	0	0	1	-56%
	TOTAL						35%	15%	42%	4%	4%				0	52%	10%	17%	4%	17%	
	Average																				
	Minimum																				
	Maximum																				
	Median																				

FINAL DRAFT: July 1999

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTIO

Option (case sensitive): Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA | PRICES

Facility Number	Units per Combustion System	Number of Comb. System at Facility	Site ID Number	Size	Type of System	Weighted Average Cost of Off-Site Disposal ($/ton)	Operating Profits as a % of Weighted Average Price	Used for Percentile Summary Table <0%	0-10%	11-25%	26-50%	>50%	Amount Off-Site Costs Would Need to Increase to Justify Baseline and Compliance Costs ($/ton)	Percentage Increase in Off-Site Costs to Justify Baseline and Compliance Costs	Total New Price Required to Cover Costs ($/ton)
3	7	7.1	8	10	11	96	96.1	96.2	96.3	96.4	96.5	96.6	97	98	99
1	1	1	334	L	rotkiln	$306	55%	0	0	0	0	1	($143)	-47%	$163
2	2	3	805	M	liqinj	$2,052	97%	0	0	0	0	1	($1,976)	-96%	$76
2	1	3	477	M	liqinj	$2,052	98%	0	0	0	0	1	($2,003)	-98%	$50
2	2	3	478	M	liqinj	$2,052	99%	0	0	0	0	1	($2,026)	-99%	$26
3	1	1	806	M	other	$680	86%	0	0	0	0	1	($540)	-79%	$140
4	1	1	704	S	liqinj	$306	24%	0	0	1	0	0	$41	14%	$347
5	1	1	708	S	liqinj	$425	-13%	1	0	0	0	0	$77	18%	$502
6	2	1	711	L	other	$306	-3382%	1	0	0	0	0	$12,516	4091%	$12,821
7	1	1	504	M	other	$306		1	0	0	0	0	$2,061,337	673840%	$2,061,643
8	1	3	480b	M	rotkiln	$306	-148%	1	0	0	0	0	$781	255%	$1,087
8	1	3	480a	M	rotkiln	$306	-146%	1	0	0	0	0	$774	253%	$1,080
8	1	3	706	M	liqinj	$306	5%	0	1	0	0	0	$54	18%	$360
9	1	2	705	M	rotkiln	$634	45%	0	0	0	1	0	($269)	-42%	$365
9	1	2	490	M	rotkiln	$634	61%	0	0	0	0	1	($373)	-59%	$261
10	1	1	784	S	other	$306	56%	0	0	0	0	1	$21	7%	$327
11	1	1	600	L	rotkiln	$473	14%	0	0	1	0	0	($64)	-13%	$409
12	1	2	353	M	rotkiln	$520	68%	0	0	0	0	1	($346)	-66%	$174
12	1	2	354	M	rotkiln	$448	24%	0	0	1	0	0	($106)	-24%	$342
13	1	1	808	M	rotkiln	$343	29%	0	0	0	1	0	($86)	-25%	$257
14	1	4	350	M	liqinj	$383	77%	0	0	0	0	1	($236)	-62%	$147
14	1	4	707	L	liqinj	$383	57%	0	0	0	0	1	($185)	-48%	$197
14	1	4	702a	M	liqinj	$388	45%	0	0	0	1	0	($145)	-37%	$243
14	1	4	702b	M	liqinj	$388	45%	0	0	0	1	0	($145)	-37%	$243
15	1	1	338	L	rotkiln	$638	-199%	1	0	0	0	0	$1,599	251%	$2,236
16	1	1	700	M	other	$417	-49%	1	0	0	0	0	$310	74%	$727
17	1	2	915a	M	rotkiln	$341	40%	0	0	0	1	0	($76)	-22%	$265
17	1	2	915b	M	rotkiln	$341	40%	0	0	0	1	0	($76)	-22%	$265
18	1	1	701	M	rotkiln	$314	51%	0	0	0	0	1	($159)	-50%	$156
19	1	3	358b	M	liqinj	$347	13%	0	0	1	0	0	($20)	-6%	$327
19	1	3	358a	M	liqinj	$347	13%	0	0	1	0	0	($20)	-6%	$327
19	1	3	358c	M	liqinj	$347	13%	0	0	1	0	0	($20)	-6%	$327
20	1	4	728d	S	other	$306	-51%	1	0	0	0	0	$266	87%	$572
20	1	4	728c	S	other	$306	-50%	1	0	0	0	0	$263	86%	$569
20	1	4	728b	S	other	$306	-51%	1	0	0	0	0	$266	87%	$572
20	1	4	728a	S	other	$306	-50%	1	0	0	0	0	$263	86%	$569
21	1	1	904	S	other	$346		1	0	0	0	0	$815,731	235523%	$816,077
22	1	1	340	M	other	$1,044		1	0	0	0	0	$38,906	3728%	$39,949
23	1	1	906	S	liqinj	$813	39%	0	0	0	1	0	($261)	-32%	$552
24	1	1	712	L	liqinj	$327	93%	0	0	0	0	1	($293)	-90%	$34
25	1	1	348	S	liqinj	$720	-8%	1	0	0	0	0	$62	9%	$782
26	1	2	337b	M	other	$5,550	3%	0	1	0	0	0	$1,724	31%	$7,274
26	1	2	337a	M	other	$5,550	3%	0	1	0	0	0	$1,724	31%	$7,274
27	1	2	714b	M	liqinj	$312	17%	0	0	1	0	0	$8	3%	$321
27	1	2	714a	M	liqinj	$312	17%	0	0	1	0	0	$8	3%	$321
28	1	1	824	S	liqinj	$306	13%	0	0	1	0	0	($34)	-11%	$272
29	1	1	726	S	liqinj	$676	76%	0	0	0	0	1	($514)	-76%	$163
30	1	2	809	L	rotkiln	$618	87%	0	0	0	0	1	($536)	-87%	$82
30	1	2	810	M	liqinj	$618	86%	0	0	0	0	1	($532)	-86%	$86
31	1	1	342	S	rotkiln	$523	-667%	1	0	0	0	0	$5,157	985%	$5,680
32	1	1	905	S	liqinj	$439	-9%	1	0	0	0	0	$47	11%	$486
33	1	1	229	S	liqinj	$547	-55%	1	0	0	0	0	$726	133%	$1,273
34	1	1	725	S	liqinj	$552	-264%	1	0	0	0	0	$2,273	412%	$2,825
TOTAL								18	3	9	7	15			
Average						$728									
Minimum						$350									
Maximum						$350									
Median							24% (OI%PRFT_B)								

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA

STATIC BREAK-EVEN QUANTITIES (BEQ)

CAPACITY TO MEET STATIC BEQs

Facility Number	Units per Combustion System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	Short Term Break-even Tons Required to Cover Compliance and O&M Baseline Costs (tons)	Long Term Break-even Tons Required to Cover Compliance and ALL Baseline Costs (tons)	At current prices, will systems need to increase the quantity of waste they burn in the SHORT TERM?	Percentile Summary: Below BEQ <20%	Percentile Summary: Below BEQ >20%	Percentile Summary: Above BEQ	At current prices, will systems need to increase the quantity of waste they burn in the LONG TERM?	Percentile Summary: Below BEQ <20%	Percentile Summary: Below BEQ >20%	Percentile Summary: Above BEQ	Short Term BEQ/Practical Capacity (tons)	Long Term BEQ/Practical Capacity (tons)	Do systems have the capacity to burn the SHORT TERM BEQ?	Do systems have the capacity to burn the LONG TERM BEQ?
3	7	7.1	8	10	11	100	101	102	103	104	105	106	107	108	109	110	111	112	113
1	1	1	334	L	rotkiln	4,425	9,704	no	0	0	1	no	0	0	1	NA	NA	NA	NA
2	2	3	805	M	liqinj	446	869	no	0	0	1	no	0	0	1	NA	NA	NA	NA
2	1	3	477	M	liqinj	226	478	no	0	0	1	no	0	0	1	NA	NA	NA	NA
2	2	3	478	M	liqinj	203	427	no	0	0	1	no	0	0	1	NA	NA	NA	NA
3	1	1	806	M	other	2,082	3,713	no	0	0	1	no	0	0	1	NA	NA	NA	NA
4	1	1	704	S	liqinj	1,113	2,070	no	0	0	1	yes	1	0	0	NA	NA	NA	NA
5	1	1	708	S	liqinj	25,120	45,962	yes	0	1	0	yes	0	1	0	NA	NA	NA	NA
6	2	1	711	L	other	5,242	12,040	yes	0	1	0	yes	0	1	0	NA	NA	NA	NA
7	1	1	504	M	other	4,896	8,949	yes	0	1	0	yes	0	1	0	NA	NA	NA	NA
8	1	3	480b	M	rotkiln	6,010	11,448	yes	0	1	0	yes	0	1	0	NA	NA	NA	NA
8	1	3	480a	M	rotkiln	5,818	11,084	yes	0	1	0	yes	0	1	0	NA	NA	NA	NA
8	1	3	706	M	liqinj	1,371	2,959	no	0	0	1	yes	1	0	0	NA	NA	NA	NA
9	1	2	705	M	rotkiln	1,641	4,104	no	0	0	1	no	0	0	1	NA	NA	NA	NA
9	1	2	490	M	rotkiln	1,170	3,284	no	0	0	1	no	0	0	1	NA	NA	NA	NA
10	1	1	784	S	other	2,653	3,533	no	0	0	1	yes	1	0	0	NA	NA	NA	NA
11	1	1	600	L	rotkiln	3,886	11,526	no	0	0	1	no	0	0	1	NA	NA	NA	NA
12	1	2	353	M	rotkiln	2,104	5,759	no	0	0	1	no	0	0	1	NA	NA	NA	NA
12	1	2	354	M	rotkiln	4,161	12,413	no	0	0	1	no	0	0	1	NA	NA	NA	NA
13	1	1	808	M	rotkiln	5,326	12,654	no	0	0	1	no	0	0	1	NA	NA	NA	NA
14	1	4	350	M	liqinj	1,356	2,293	no	0	0	1	no	0	0	1	NA	NA	NA	NA
14	1	4	707	L	liqinj	1,314	2,935	no	0	0	1	no	0	0	1	NA	NA	NA	NA
14	1	4	702a	M	liqinj	1,342	2,810	no	0	0	1	no	0	0	1	NA	NA	NA	NA
14	1	4	702b	M	liqinj	1,342	2,810	no	0	0	1	no	0	0	1	NA	NA	NA	NA
15	1	1	338	L	rotkiln	2,133	5,115	yes	0	1	0	yes	0	1	0	NA	NA	NA	NA
16	1	1	700	M	other	2,539	4,654	yes	0	1	0	yes	0	1	0	NA	NA	NA	NA
17	1	2	915a	M	rotkiln	4,481	9,603	no	0	0	1	no	0	0	1	NA	NA	NA	NA
17	1	2	915b	M	rotkiln	4,481	9,603	no	0	0	1	no	0	0	1	NA	NA	NA	NA
18	1	1	701	M	rotkiln	3,434	8,297	no	0	0	1	no	0	0	1	NA	NA	NA	NA
19	1	3	358b	M	liqinj	2,323	4,992	no	0	0	1	no	0	0	1	NA	NA	NA	NA
19	1	3	358a	M	liqinj	2,323	4,992	no	0	0	1	no	0	0	1	NA	NA	NA	NA
19	1	3	358c	M	liqinj	2,323	4,992	no	0	0	1	no	0	0	1	NA	NA	NA	NA
20	1	4	728d	S	other	1,450	2,965	yes	1	0	0	yes	0	1	0	NA	NA	NA	NA
20	1	4	728c	S	other	1,427	2,917	yes	1	0	0	yes	0	1	0	NA	NA	NA	NA
20	1	4	728b	S	other	1,450	2,965	yes	1	0	0	yes	0	1	0	NA	NA	NA	NA
20	1	4	728a	S	other	1,427	2,917	yes	1	0	0	yes	0	1	0	NA	NA	NA	NA
21	1	1	904	S	other	1,610	2,505	yes	0	1	0	yes	0	1	0	NA	NA	NA	NA
22	1	1	340	M	other	921	1,912	yes	0	1	0	yes	0	1	0	NA	NA	NA	NA
23	1	1	906	S	liqinj	922	1,549	no	0	0	1	no	0	0	1	NA	NA	NA	NA
24	1	1	712	L	liqinj	2,592	4,387	no	0	0	1	no	0	0	1	NA	NA	NA	NA
25	1	1	348	S	liqinj	1,657	4,428	no	0	0	1	yes	0	1	0	NA	NA	NA	NA
26	1	2	337b	M	other	54	108	no	0	0	1	yes	0	1	0	NA	NA	NA	NA
26	1	2	337a	M	other	54	108	no	0	0	1	yes	0	1	0	NA	NA	NA	NA
27	1	2	714b	M	liqinj	3,271	5,891	no	0	0	1	yes	1	0	0	NA	NA	NA	NA
27	1	2	714a	M	liqinj	3,271	5,891	no	0	0	1	yes	1	0	0	NA	NA	NA	NA
28	1	1	824	S	liqinj	660	1,617	no	0	0	1	no	0	0	1	NA	NA	NA	NA
29	1	1	726	S	liqinj	279	722	no	0	0	1	no	0	0	1	NA	NA	NA	NA
30	1	2	809	L	rotkiln	1,572	3,568	no	0	0	1	no	0	0	1	NA	NA	NA	NA
30	1	2	810	M	liqinj	914	1,710	no	0	0	1	no	0	0	1	NA	NA	NA	NA
31	1	1	342	S	rotkiln	1,450	2,754	yes	0	1	0	yes	0	1	0	NA	NA	NA	NA
32	1	1	905	S	liqinj	2,078	4,962	no	0	0	1	yes	0	1	0	NA	NA	NA	NA
33	1	1	229	S	liqinj	7,237	10,270	yes	0	1	0	yes	0	1	0	NA	NA	NA	NA
34	1	1	725	S	liqinj	1,000,000	1,000,000	yes	0	1	0	yes	0	1	0	NA	NA	NA	NA
TOTAL									8%	23%	69%		10%	38%	52%				
Average																			
Minimum																			
Maximum																			
Median																			

FINAL DRAFT: July 1999

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTIO

Option (case sensitive): Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA

PASS-THROUGH SCENARIO

DYNAMIC BREAK-EVEN QUANTITY ANALYSIS

Facility Number	Units per Combustion System	Number of Comb. System at Facility	Site ID Number	Size	Type of System	Pass Through Chosen 75%	Pass Through Scenario: 75% Short Term BEQ (tons)	Short Term BEQ % BEQ	Long Term BEQ (tons)	Long Term BEQ % BEQ
3	7	7.1	8	10	11	114	115	116	117	118
1	1	1	334	L	rotkiln	$23	4,836	411%	10,606	187%
2	2	3	805	M	liqinj	$23	3,830	1686%	7,469	865%
2	1	3	477	M	liqinj	$23	1,843	3504%	3,893	1659%
2	2	3	478	M	liqinj	$23	1,538	4200%	3,236	1996%
3	1	1	806	M	other	$23	2,217	946%	3,953	530%
4	1	1	704	S	liqinj	$23	1,209	151%	2,248	81%
5	1	1	708	S	liqinj	$23	1,000,000	1%	1,000,000	1%
6	2	1	711	L	other	$23	5,887	3%	13,522	2%
7	1	1	504	M	other	$23	5,459	0%	9,978	0%
8	1	3	480b	M	rotkiln	$23	6,759	36%	12,876	19%
8	1	3	480a	M	rotkiln	$23	6,518	38%	12,418	20%
8	1	3	706	M	liqinj	$23	1,504	164%	3,246	76%
9	1	2	705	M	rotkiln	$23	1,793	578%	4,484	231%
9	1	2	490	M	rotkiln	$23	1,257	824%	3,528	294%
10	1	1	784	S	other	$23	2,898	114%	3,859	85%
11	1	1	600	L	rotkiln	$23	5,735	306%	17,011	103%
12	1	2	353	M	rotkiln	$23	2,932	1274%	8,027	465%
12	1	2	354	M	rotkiln	$23	5,718	653%	17,059	219%
13	1	1	808	M	rotkiln	$23	6,128	384%	14,560	161%
14	1	4	350	M	liqinj	$23	1,453	419%	2,457	248%
14	1	4	707	L	liqinj	$23	1,414	431%	3,159	193%
14	1	4	702a	M	liqinj	$23	1,515	402%	3,173	192%
14	1	4	702b	M	liqinj	$23	1,515	402%	3,173	192%
15	1	1	338	L	rotkiln	$23	2,278	61%	5,462	25%
16	1	1	700	M	other	$23	2,916	62%	5,346	34%
17	1	2	915a	M	rotkiln	$23	4,858	261%	10,412	122%
17	1	2	915b	M	rotkiln	$23	4,858	261%	10,412	122%
18	1	1	701	M	rotkiln	$23	3,985	2340%	9,629	968%
19	1	3	358b	M	liqinj	$23	4,363	135%	9,374	63%
19	1	3	358a	M	liqinj	$23	4,363	135%	9,374	63%
19	1	3	358c	M	liqinj	$23	4,363	135%	9,374	63%
20	1	4	728d	S	other	$23	1,665	73%	3,405	36%
20	1	4	728c	S	other	$23	1,634	74%	3,341	36%
20	1	4	728b	S	other	$23	1,665	73%	3,405	36%
20	1	4	728a	S	other	$23	1,634	74%	3,341	36%
21	1	1	904	S	other	$23	2,006	0%	3,121	0%
22	1	1	340	M	other	$23	963	5%	1,999	2%
23	1	1	906	S	liqinj	$23	2,036	220%	3,419	131%
24	1	1	712	L	liqinj	$23	2,808	1824%	4,753	1078%
25	1	1	348	S	liqinj	$23	1,000,000	0%	1,000,000	0%
26	1	2	337b	M	other	$23	244	34%	487	17%
26	1	2	337a	M	other	$23	244	34%	487	17%
27	1	2	714b	M	liqinj	$23	3,984	141%	7,175	78%
27	1	2	714a	M	liqinj	$23	3,984	141%	7,175	78%
28	1	1	824	S	liqinj	$23	738	258%	1,811	105%
29	1	1	726	S	liqinj	$23	300	2305%	776	890%
30	1	2	809	L	rotkiln	$23	1,685	6720%	3,825	2960%
30	1	2	810	M	liqinj	$23	982	11531%	1,836	6166%
31	1	1	342	S	rotkiln	$23	1,549	14%	2,941	7%
32	1	1	905	S	liqinj	$23	1,000,000	0%	1,000,000	0%
33	1	1	229	S	liqinj	$23	1,000,000	0%	1,000,000	0%
34	1	1	725	S	liqinj	$23	1,000,000	0%	1,000,000	0%
TOTAL									$15,000	
Average										
Minimum										
Maximum										
Median										

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTIO

Option (case sensitive): Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA

CAPACITY CONSTRAINTS FOR CONSOLIDATION ROUTINE

Facility Number	Units per Combustion System	Number of Comb. System at Facility	Site ID Number	Size	Type of System	Practical Capacity (1996 tons)	Permitted Capacity (1996 tons)	Excess Capacity (1996 tons)	Min. Capacity
3	7	7.1	8	10	11	186	187	188	189
1	1	1	334	L	rotkiln	NA		NA	NA
2	2	3	805	M	liqinj	NA		NA	NA
2	1	3	477	M	liqinj	NA		NA	NA
2	2	3	478	M	liqinj	NA		NA	NA
3	1	1	806	M	other	NA		NA	NA
4	1	1	704	S	liqinj	NA		NA	NA
5	1	1	708	S	liqinj	NA		NA	NA
6	2	1	711	L	other	NA		NA	NA
7	1	1	504	M	other	NA		NA	NA
8	1	3	480b	M	rotkiln	NA		NA	NA
8	1	3	480a	M	rotkiln	NA		NA	NA
8	1	3	706	M	liqinj	NA		NA	NA
9	1	2	705	M	rotkiln	NA		NA	NA
9	1	2	490	M	rotkiln	NA		NA	NA
10	1	1	784	S	other	NA		NA	NA
11	1	1	600	L	rotkiln	NA		NA	NA
12	1	2	353	M	rotkiln	NA		NA	NA
12	1	2	354	M	rotkiln	NA		NA	NA
13	1	1	808	M	rotkiln	NA		NA	NA
14	1	4	350	M	liqinj	NA		NA	NA
14	1	4	707	L	liqinj	NA		NA	NA
14	1	4	702a	M	liqinj	NA		NA	NA
14	1	4	702b	M	liqinj	NA		NA	NA
15	1	1	338	L	rotkiln	NA		NA	NA
16	1	1	700	M	other	NA		NA	NA
17	1	2	915a	M	rotkiln	NA		NA	NA
17	1	2	915b	M	rotkiln	NA		NA	NA
18	1	1	701	M	rotkiln	NA		NA	NA
19	1	3	358b	M	liqinj	NA		NA	NA
19	1	3	358a	M	liqinj	NA		NA	NA
19	1	3	358c	M	liqinj	NA		NA	NA
20	1	4	728d	S	other	NA		NA	NA
20	1	4	728c	S	other	NA		NA	NA
20	1	4	728b	S	other	NA		NA	NA
20	1	4	728a	S	other	NA		NA	NA
21	1	1	904	S	other	NA		NA	NA
22	1	1	340	M	other	NA		NA	NA
23	1	1	906	S	liqinj	NA		NA	NA
24	1	1	712	L	liqinj	NA		NA	NA
25	1	1	348	S	liqinj	NA		NA	NA
26	1	2	337b	M	other	NA		NA	NA
26	1	2	337a	M	other	NA		NA	NA
27	1	2	714b	M	liqinj	NA		NA	NA
27	1	2	714a	M	liqinj	NA		NA	NA
28	1	1	824	S	liqinj	NA		NA	NA
29	1	1	726	S	liqinj	NA		NA	NA
30	1	2	809	L	rotkiln	NA		NA	NA
30	1	2	810	M	liqinj	NA		NA	NA
31	1	1	342	S	rotkiln	NA		NA	NA
32	1	1	905	S	liqinj	NA		NA	NA
33	1	1	229	S	liqinj	NA		NA	NA
34	1	1	725	S	liqinj	NA		NA	NA

TOTAL

Average
Minimum
Maximum
Median

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA

SHORT TERM CONSOLIDATION MODULE; pass through scenario: 75%

Pass Through: 75%

Facility Number	Units per Combustion System	Number of Comb. System at Facility	Site ID Number	Size	Type of System	Below Short Term BEQ	Facility Number	1st Iteration Status	1st Iteration Tons	1st Iteration Continue Consolid	Facility Number	2nd Iteration Status	2nd Iteration Tons	2nd Iteration Continue Consolid	Facility Number	3rd Iteration Status	3rd Iteration Tons	3rd Iteration Continue Consolid	Facility Number	4th Iteration Status	4th Iteration Tons	4th Iteration Continue Consolid
3	7	7.1	8	10	11	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135
1	1	1	334	L	rotkiln	no	1	only unit	19,852	no	1		na	no	1		na	no	1		na	no
2	2	3	805	M	liqinj	no	2	continue	64,591	no	2	continue b	64,591	no	2	continue	64,591	no	2		na	no
2	1	3	477	M	liqinj	no	2		64,591	no	2	continue b	64,591	no	2	continue	64,591	no	2		na	no
2	2	3	478	M	liqinj	no	2		64,591	no	2		64,591	no	2	continue	64,591	no	2		na	no
3	1	1	806	M	other	no	3	only unit	20,960	no	3		na	no	3		na	no	3		na	no
4	1	1	704	S	liqinj	no	4	only unit	1,820	no	5		na	no	5		na	no	5		na	no
5	1	1	708	S	liqinj	yes	5	only unit	0	no	6		na	no	6		na	no	6		na	no
6	2	1	711	L	other	yes	6	only unit	0	no	8		na	no	8		na	no	8		na	no
7	1	1	504	M	other	yes	7	only unit	0	no	9		na	no	9		na	no	9		na	no
8	1	3	480b	M	rotkiln	yes	8	consolidat	0	no	11		0	no	11		0	no	11		na	no
8	1	3	480a	M	rotkiln	yes	8		3,697	yes	11	consolidat	0	no	11		0	no	11		na	no
8	1	3	706	M	liqinj	no	8		3,697	no	11		7,394	no	11	continue	7,394	no	11		na	no
9	1	2	705	M	rotkiln	no	9	continue	10,361	no	9		na	no	9		na	no	9		na	no
9	1	2	490	M	rotkiln	no	9		10,361	no	12	continue b	na	no	12		na	no	12		na	no
10	1	1	784	S	other	no	10	only unit	3,291	no	13		na	no	13		na	no	13		na	no
11	1	1	600	L	rotkiln	no	11	only unit	17,521	no	16		na	no	16		na	no	16		na	no
12	1	2	353	M	rotkiln	no	12	continue	37,357	no	12		na	no	12		na	no	12		na	no
12	1	2	354	M	rotkiln	no	12		37,357	no	17	continue b	na	no	17		na	no	17		na	no
13	1	1	808	M	rotkiln	no	13	only unit	23,508	no	18		na	no	18		na	no	18		na	no
14	1	4	350	M	liqinj	no	14	continue	6,090	no	21		6,090	no	21	continue	6,090	no	21	continue burning	6,090	no
14	1	4	707	L	liqinj	no	14		6,090	no	21	continue b	6,090	no	21	continue	6,090	no	21	continue burning	6,090	no
14	1	4	702a	M	liqinj	no	14		6,090	no	21		6,090	no	21	continue	6,090	no	21	continue burning	6,090	no
14	1	4	702b	M	liqinj	no	14		6,090	no	21		6,090	no	21		6,090	no	21	continue burning	6,090	no
15	1	1	338	L	rotkiln	yes	15	only unit	0	no	22		na	no	22		na	no	22		na	no
16	1	1	700	M	other	yes	16	only unit	0	no	23		na	no	23		na	no	23		na	no
17	1	2	915a	M	rotkiln	no	17	continue	12,657	no	17		na	no	17		na	no	17		na	no
17	1	2	915b	M	rotkiln	no	17		12,657	no	24	continue b	na	no	24		na	no	24		na	no
18	1	1	701	M	rotkiln	no	18	only unit	93,246	no	25		na	no	25		na	no	25		na	no
19	1	3	358b	M	liqinj	no	19	continue	5,883	no	26	continue b	5,883	no	26	continue	5,883	no	26		na	no
19	1	3	358a	M	liqinj	no	19		5,883	no	26	continue b	5,883	no	26	continue	5,883	no	26		na	no
19	1	3	358c	M	liqinj	no	19		5,883	no	26		5,883	no	26	continue	5,883	no	26		na	no
20	1	4	728d	S	other	yes	20	consolidat	0	no	27		0	no	27		0	no	27		0	no
20	1	4	728c	S	other	yes	20		1,615	yes	27	consolidat	0	no	27		0	no	27		0	no
20	1	4	728b	S	other	yes	20		1,615	yes	27		2,153	no	27	continue	2,153	no	27	continue burning	2,153	no
20	1	4	728a	S	other	yes	20		1,615	yes	27		2,153	no	27		2,153	no	27	continue burning	2,153	no
21	1	1	904	S	other	yes	21	only unit	0	no	27		na	no	28		na	no	28		na	no
22	1	1	340	M	other	yes	22	only unit	0	no	31		na	no	31		na	no	31		na	no
23	1	1	906	S	liqinj	no	23	only unit	4,478	no	32		na	no	32		na	no	32		na	no
24	1	1	712	L	liqinj	no	24	only unit	51,229	no	33		na	no	33		na	no	33		na	no
25	1	1	348	S	liqinj	yes	25	only unit	0	no	34		na	no	34		na	no	34		na	no
26	1	2	337b	M	other	yes	26	consolidat	0	no	26		na	no	26		na	no	26		na	no
26	1	2	337a	M	other	yes	26		165	yes	35	consolidat	0	no	35		na	no	35		na	no
27	1	2	714b	M	liqinj	no	27	continue	5,610	no	27		na	no	27		na	no	27		na	no
27	1	2	714a	M	liqinj	no	27		5,610	no	36	continue b	na	no	36		na	no	36		na	no
28	1	1	824	S	liqinj	no	28	only unit	1,904	no	37		na	no	37		na	no	37		na	no
29	1	1	726	S	liqinj	no	29	only unit	6,911	no	41		na	no	41		na	no	41		na	no
30	1	2	809	L	rotkiln	no	30	continue	113,217	no	30		na	no	30		na	no	30		na	no
30	1	2	810	M	liqinj	no	30		113,217	no	42	continue b	na	no	42		na	no	42		na	no
31	1	1	342	S	rotkiln	yes	31	only unit	0	no	43		na	no	43		na	no	43		na	no
32	1	1	905	S	liqinj	yes	32	only unit	0	no	44		na	no	44		na	no	44		na	no
33	1	1	229	S	liqinj	yes	33	only unit	0	no	45		na	no	45		na	no	45		na	no
34	1	1	725	S	liqinj	yes	34	only unit	0	no	46		na	no	46		na	no	46		na	no

TOTAL
Average
Minimum
Maximum
Median

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA

SHORT TERM CONSOLIDATION MODULE (Continued)

Facility Number	Units per Combustion System	Number of Comb. System at Facility	Site ID Number	Size	Type of System	Tons After Consolidation	Percent o Short Ter BEQ	Facility Number	Combust System Status	Percentile Summary Above	Percentile Summary 0-20%	Percentile Summary >20%	Number of FTEs Affected by Syst Closure	All Systems At Facility Stop Burning	Number of FTEs Affected by Facility Closure (low-end)	Number of FTEs Affected by Facil Closure (high-end)	Percentile Summary	Baseline Waste Di (No Cons	Total Waste Diverted (After Consolida
3	7	7.1	8	10	11	136	137	138	139	140	141	142	142.2	143	143.2	143.3	144	144.2	145
1	1	1	334	L	rotkiln	19,852	411%	1	continue	1	0	0	0	no	0	0	0	0	
2	2	3	805	M	liqinj	64,591	1686%	2	continue	1	0	0	0	no	0	0	0	0	
2	1	3	477	M	liqinj	64,591	3504%	2	continue	1	0	0	0	no	0	0	0	0	
2	2	3	478	M	liqinj	64,591	4200%	2	continue	1	0	0	0	no	0	0	0	0	
3	1	1	806	M	other	20,960	946%	3	continue	1	0	0	0	no	0	0	0	0	
4	1	1	704	S	liqinj	1,820	151%	4	continue	1	0	0	0	no	0	0	0	0	
5	1	1	708	S	liqinj	0	0%	5	**stop bur	0	0	1	2	yes	0	0	1	6,492	6,492
6	2	1	711	L	other	0	0%	6	**stop bur	0	0	1	12	yes	0	0	1	205	205
7	1	1	504	M	other	0	0%	7	**stop bur	0	0	1	0	yes	0	0	1	1	1
8	1	3	480b	M	rotkiln	0	0%	8	**stop bur	0	0	1	12	no	0	12	0	0	2,465
8	1	3	480a	M	rotkiln	0	0%	8	**stop bur	0	0	1	12	no	0	12	0	0	2,465
8	1	3	706	M	liqinj	7,394	492%	8	continue	1	0	0	0	no	0	0	0	0	(4,929)
9	1	2	705	M	rotkiln	10,361	578%	9	continue	1	0	0	0	no	0	0	0	0	
9	1	2	490	M	rotkiln	10,361	824%	9	continue	1	0	0	0	no	0	0	0	0	
10	1	1	784	S	other	3,291	114%	10	continue	1	0	0	0	no	0	0	0	0	
11	1	1	600	L	rotkiln	17,521	306%	11	continue	1	0	0	0	no	0	0	0	0	
12	1	2	353	M	rotkiln	37,357	1274%	12	continue	1	0	0	0	no	0	0	0	0	
12	1	2	354	M	rotkiln	37,357	653%	12	continue	1	0	0	0	no	0	0	0	0	
13	1	1	808	M	rotkiln	23,508	384%	13	continue	1	0	0	0	no	0	0	0	0	
14	1	4	350	M	liqinj	6,090	419%	14	continue	1	0	0	0	no	0	0	0	0	
14	1	4	707	L	liqinj	6,090	431%	14	continue	1	0	0	0	no	0	0	0	0	
14	1	4	702a	M	liqinj	6,090	402%	14	continue	1	0	0	0	no	0	0	0	0	
14	1	4	702b	M	liqinj	6,090	402%	14	continue	1	0	0	0	no	0	0	0	0	
15	1	1	338	L	rotkiln	0	0%	15	**stop bur	0	0	1	12	yes	16	16	1	0	1,391
16	1	1	700	M	other	0	0%	16	**stop bur	0	0	1	12	yes	15	15	1	0	1,810
17	1	2	915a	M	rotkiln	12,657	261%	17	continue	1	0	0	0	no	0	0	0	0	
17	1	2	915b	M	rotkiln	12,657	261%	17	continue	1	0	0	0	no	0	0	0	0	
18	1	1	701	M	rotkiln	93,246	2340%	18	continue	1	0	0	0	no	0	0	0	0	
19	1	3	358b	M	liqinj	5,883	135%	19	continue	1	0	0	0	no	0	0	0	0	
19	1	3	358a	M	liqinj	5,883	135%	19	continue	1	0	0	0	no	0	0	0	0	
19	1	3	358c	M	liqinj	5,883	135%	19	continue	1	0	0	0	no	0	0	0	0	
20	1	4	728d	S	other	0	0%	20	**stop bur	0	0	1	6	no	0	6	0	0	1,211
20	1	4	728c	S	other	0	0%	20	**stop bur	0	0	1	6	no	0	6	0	0	1,211
20	1	4	728b	S	other	2,153	129%	20	continue	1	0	0	0	no	0	0	0	0	(942)
20	1	4	728a	S	other	2,153	132%	20	continue	1	0	0	0	no	0	0	0	0	(942)
21	1	1	904	S	other	0	0%	21	**stop bur	0	0	1	0	yes	0	0	1	1	1
22	1	1	340	M	other	0	0%	22	**stop bur	0	0	1	0	yes	0	0	1	44	44
23	1	1	906	S	liqinj	4,478	220%	23	continue	1	0	0	0	no	0	0	0	0	
24	1	1	712	L	liqinj	51,229	1824%	24	continue	1	0	0	0	no	0	0	0	0	
25	1	1	348	S	liqinj	0	0%	25	**stop bur	0	0	1	2	yes	3	3	1	0	2,896
26	1	2	337b	M	other	0	0%	26	**stop bur	0	0	1	6	yes	7	7	1	0	83
26	1	2	337a	M	other	0	0%	26	**stop bur	0	0	1	6	yes	6	6	0	0	83
27	1	2	714b	M	liqinj	5,610	141%	27	continue	1	0	0	0	no	0	0	0	0	
27	1	2	714a	M	liqinj	5,610	141%	27	continue	1	0	0	0	no	0	0	0	0	
28	1	1	824	S	liqinj	1,904	258%	28	continue	1	0	0	0	no	0	0	0	0	
29	1	1	726	S	liqinj	6,911	2305%	29	continue	1	0	0	0	no	0	0	0	0	
30	1	2	809	L	rotkiln	113,217	6720%	30	continue	1	0	0	0	no	0	0	0	0	
30	1	2	810	M	liqinj	113,217	11531%	30	continue	1	0	0	0	no	0	0	0	0	
31	1	1	342	S	rotkiln	0	0%	31	**stop bur	0	0	1	6	yes	0	0	1	211	211
32	1	1	905	S	liqinj	0	0%	32	**stop bur	0	0	1	2	yes	3	3	1	0	3,068
33	1	1	229	S	liqinj	0	0%	33	**stop bur	0	0	1	2	yes	0	0	1	860	860
34	1	1	725	S	liqinj	0	0%	34	**stop bur	0	0	1	2	yes	0	0	1	269	269
TOTAL										65%	0%	35%	98.7		48.8	84.3	38%	8,083	17,951
Average													262		129	224			
Minimum													(oiuempl_st)		(oiuempl_lowst)	(oiuempl_higst)			
Maximum													(no longer in use 11/20/97)						
Median																			

FINAL DRAFT: July 1999

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA

LONG TERM CONSOLIDATION MODULE; pass through scenario: 75%

Pass Through: 75%

Facility Number	Units per Combustion System	Number of Comb. System at Facility	Site ID Number	Size	Type of System	Below Long Term BE	Facility Number	1st Iteration Status	1st Iteration Tons	1st Iteration Continue Consolid	Facility Number	2nd Iteration Status	2nd Iteration Tons	2nd Iteration Continue Consolid	Facility Number	3rd Iteration Status	3rd Iteration Tons	3rd Iteration Continue Consolidation?	Facility Number	4th Iteration Status	4th Iteration Tons	4th Iteration Continue Consolid
3	7	7.1	8	10	11	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162
1	1	1	334	L	rotkiln	no	1	only unit	19,852	no	1		na	no	1		na	no	1		na	no
2	2	3	805	M	liqinj	no	2	continue	64,591	no	2	continue	64,591	no	2	continue	64,591	no	2		na	no
2	1	3	477	M	liqinj	no	2		64,591	no	2	continue	64,591	no	2	continue	64,591	no	2		na	no
2	2	3	478	M	liqinj	no	2		64,591	no	2		64,591	no	2	continue	64,591	no	2		na	no
3	1	1	806	M	other	no	3	only unit	20,960	no	3		na	no	3		na	no	3		na	no
4	1	1	704	S	liqinj	yes	4	only unit	0	no	5		na	no	5		na	no	5		na	no
5	1	1	708	S	liqinj	yes	5	only unit	0	no	6		na	no	6		na	no	6		na	no
6	2	1	711	L	other	yes	6	only unit	0	no	8		na	no	8		na	no	8		na	no
7	1	1	504	M	other	yes	7	only unit	0	no	9		na	no	9		na	no	9		na	no
8	1	3	480b	M	rotkiln	yes	8	consolidat	0	no	11		0	no	11		0	no	11		na	no
8	1	3	480a	M	rotkiln	yes	8		3,697	yes	11	consolidat	0	no	11		0	no	11		na	no
8	1	3	706	M	liqinj	yes	8		3,697	no	11		7,394	no	11	continue	7,394	no	11		na	no
9	1	2	705	M	rotkiln	no	9	continue	10,361	no	9		na	no	9		na	no	9		na	no
9	1	2	490	M	rotkiln	no	9		10,361	no	12	continue	na	no	12		na	no	12		na	no
10	1	1	784	S	other	yes	10	only unit	0	no	13		na	no	13		na	no	13		na	no
11	1	1	600	L	rotkiln	no	11	only unit	17,521	no	16		na	no	16		na	no	16		na	no
12	1	2	353	M	rotkiln	no	12	continue	37,357	no	12		na	no	12		na	no	12		na	no
12	1	2	354	M	rotkiln	no	12		37,357	no	17	continue	na	no	17		na	no	17		na	no
13	1	1	808	M	rotkiln	no	13	only unit	23,508	no	18		na	no	18		na	no	18		na	no
14	1	4	350	M	liqinj	no	14	continue	6,090	no	21		6,090	no	21	continue	6,090	no	21	continue burning	6,090	no
14	1	4	707	L	liqinj	no	14		6,090	no	21	continue	6,090	no	21	continue	6,090	no	21	continue burning	6,090	no
14	1	4	702a	M	liqinj	no	14		6,090	no	21		6,090	no	21	continue	6,090	no	21	continue burning	6,090	no
14	1	4	702b	M	liqinj	no	14		6,090	no	21		6,090	no	21		6,090	no	21	continue burning	6,090	no
15	1	1	338	L	rotkiln	yes	15	only unit	0	no	22		na	no	22		na	no	22		na	no
16	1	1	700	M	other	yes	16	only unit	0	no	23		na	no	23		na	no	23		na	no
17	1	2	915a	M	rotkiln	no	17	continue	12,657	no	17		na	no	17		na	no	17		na	no
17	1	2	915b	M	rotkiln	no	17		12,657	no	24	continue	na	no	24		na	no	24		na	no
18	1	1	701	M	rotkiln	no	18	only unit	93,246	no	25		na	no	25		na	no	25		na	no
19	1	3	358b	M	liqinj	yes	19	consolidat	0	no	26		0	no	26		0	no	26		na	no
19	1	3	358a	M	liqinj	yes	19		8,825	yes	26	consolidat	0	no	26		0	no	26		na	no
19	1	3	358c	M	liqinj	yes	19		8,825	yes	26		17,650	no	26	continue	17,650	no	26		na	no
20	1	4	728d	S	other	yes	20	consolidat	0	no	27		0	no	27		0	no	27		0	no
20	1	4	728c	S	other	yes	20		1,615	yes	27	consolidat	0	no	27		0	no	27		0	no
20	1	4	728b	S	other	yes	20		1,615	yes	27		2,153	yes	27	consolidat	0	no	27		0	no
20	1	4	728a	S	other	yes	20		1,615	yes	27		2,153	yes	27		4,306	no	27	continue burning	4,306	no
21	1	1	904	S	other	yes	21	only unit	0	no	28		na	no	28		na	no	28		na	no
22	1	1	340	M	other	yes	22	only unit	0	no	31		na	no	31		na	no	31		na	no
23	1	1	906	S	liqinj	no	23	only unit	4,478	no	32		na	no	32		na	no	32		na	no
24	1	1	712	L	liqinj	no	24	only unit	51,229	no	33		na	no	33		na	no	33		na	no
25	1	1	348	S	liqinj	yes	25	only unit	0	no	34		na	no	34		na	no	34		na	no
26	1	2	337b	M	other	yes	26	consolidat	0	no	26		na	no	26		na	no	26		na	no
26	1	2	337a	M	other	yes	26		165	yes	35	consolidat	0	no	35		na	no	35		na	no
27	1	2	714b	M	liqinj	yes	27	consolidat	0	no	27		na	no	27		na	no	27		na	no
27	1	2	714a	M	liqinj	yes	27		11,219	no	36	continue	na	no	36		na	no	36		na	no
28	1	1	824	S	liqinj	no	28	only unit	1,904	no	37		na	no	37		na	no	37		na	no
29	1	1	726	S	liqinj	no	29	only unit	6,911	no	41		na	no	41		na	no	41		na	no
30	1	2	809	L	rotkiln	no	30	continue	113,217	no	30		na	no	30		na	no	30		na	no
30	1	2	810	M	liqinj	no	30		113,217	no	42	continue	na	no	42		na	no	42		na	no
31	1	1	342	S	rotkiln	yes	31	only unit	0	no	43		na	no	43		na	no	43		na	no
32	1	1	905	S	liqinj	yes	32	only unit	0	no	44		na	no	44		na	no	44		na	no
33	1	1	229	S	liqinj	yes	33	only unit	0	no	45		na	no	45		na	no	45		na	no
34	1	1	725	S	liqinj	yes	34	only unit	0	no	46		na	no	46		na	no	46		na	no

TOTAL

Average

Minimum

Maximum

Median

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTIO

Option (case sensitive): Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA

LONG TERM CONSOLIDATION MODULE (Continued)

Facility Number	Units per Combustion System	Number of Comb. System at Facility	Site ID Number	Size	Type of System	Tons After Consolidation	Percent Long Ter BEQ	Facility Number	Combustion System Status	Percentile Summary Above	Percentile Summary 0-20%	Percentile Summary >20%	Number of FTEs Affected by System Closure	All Systems At Facility Stop Burning?	(low-end) Number of FTEs Affected by Faci Closure	(high-end) Number of FTEs Affected by Facili Closure	Percentile Summary	Baseline Waste Diverted (No Consolidatio	Total Waste Diverted (After Consolid
3	7	7.1	8	10	11	163	164	165	166	167	168	169	142.2	170	170.1	170.2	171	144.2	172
1	1	1	334	L	rotkiln	19,852	187%	1	continue bur	1	0	0	0	no	0	0	0	0	
2	2	3	805	M	liqinj	64,591	865%	2	continue bur	1	0	0	0	no	0	0	0	0	
2	1	3	477	M	liqinj	64,591	1659%	2	continue bur	1	0	0	0	no	0	0	0	0	
2	2	3	478	M	liqinj	64,591	1996%	2	continue bur	1	0	0	0	no	0	0	0	0	
3	1	1	806	M	other	20,960	530%	3	continue bur	1	0	0	0	no	0	0	0	0	
4	1	1	704	S	liqinj	0	0%	4	**stop burnin	0	0	1	2	yes	3	3	1	0	1,820
5	1	1	708	S	liqinj	0	0%	5	**stop burnin	0	0	1	2	yes	0	0	1	6,492	6,492
6	2	1	711	L	other	0	0%	6	**stop burnin	0	0	1	12	yes	0	0	1	205	205
7	1	1	504	M	other	0	0%	7	**stop burnin	0	0	1	0	yes	0	0	1	1	1
8	1	3	480b	M	rotkiln	0	0%	8	**stop burnin	0	0	1	12	no	0	0	0	2,465	2,465
8	1	3	480a	M	rotkiln	0	0%	8	**stop burnin	0	0	1	12	no	0	0	0	2,465	2,465
8	1	3	706	M	liqinj	7,394	228%	8	continue bur	1	0	0	0	no	0	0	0	0	(4,929)
9	1	2	705	M	rotkiln	10,361	231%	9	continue bur	1	0	0	0	no	0	0	0	0	
9	1	2	490	M	rotkiln	10,361	294%	9	continue bur	1	0	0	0	no	0	0	0	0	
10	1	1	784	S	other	0	0%	10	**stop burnin	0	0	1	2	yes	3	3	1	0	3,291
11	1	1	600	L	rotkiln	17,521	103%	11	continue bur	1	0	0	0	no	0	0	0	0	
12	1	2	353	M	rotkiln	37,357	465%	12	continue bur	1	0	0	0	no	0	0	0	0	
12	1	2	354	M	rotkiln	37,357	219%	12	continue bur	1	0	0	0	no	0	0	0	0	
13	1	1	808	M	rotkiln	23,508	161%	13	continue bur	1	0	0	0	no	0	0	0	0	
14	1	4	350	M	liqinj	6,090	248%	14	continue bur	1	0	0	0	no	0	0	0	0	
14	1	4	707	L	liqinj	6,090	193%	14	continue bur	1	0	0	0	no	0	0	0	0	
14	1	4	702a	M	liqinj	6,090	192%	14	continue bur	1	0	0	0	no	0	0	0	0	
14	1	4	702b	M	liqinj	6,090	192%	14	continue bur	1	0	0	0	no	0	0	0	0	
15	1	1	338	L	rotkiln	0	0%	15	**stop burnin	0	0	1	12	yes	0	0	1	1,391	1,391
16	1	1	700	M	other	0	0%	16	**stop burnin	0	0	1	12	yes	0	0	1	1,810	1,810
17	1	2	915a	M	rotkiln	12,657	122%	17	continue bur	1	0	0	0	no	0	0	0	0	
17	1	2	915b	M	rotkiln	12,657	122%	17	continue bur	1	0	0	0	no	0	0	0	0	
18	1	1	701	M	rotkiln	93,246	968%	18	continue bur	1	0	0	0	no	0	0	0	0	
19	1	3	358b	M	liqinj	0	0%	19	**stop burnin	0	0	1	2	no	0	2	0	0	5,883
19	1	3	358a	M	liqinj	0	0%	19	**stop burnin	0	0	1	2	no	0	2	0	0	5,883
19	1	3	358c	M	liqinj	17,650	188%	19	continue bur	1	0	0	0	no	0	0	0	0	(11,767)
20	1	4	728d	S	other	0	0%	20	**stop burnin	0	0	1	6	no	0	0	0	1,211	1,211
20	1	4	728c	S	other	0	0%	20	**stop burnin	0	0	1	6	no	0	0	0	1,211	1,211
20	1	4	728b	S	other	0	0%	20	**stop burnin	0	0	1	6	no	0	0	0	1,211	1,211
20	1	4	728a	S	other	4,306	129%	20	continue bur	1	0	0	0	no	0	0	0	1,211	(3,095)
21	1	1	904	S	other	0	0%	21	**stop burnin	0	0	1	0	yes	0	0	1	1	1
22	1	1	340	M	other	0	0%	22	**stop burnin	0	0	1	0	yes	0	0	1	44	44
23	1	1	906	S	liqinj	4,478	131%	23	continue bur	1	0	0	0	no	0	0	0	0	
24	1	1	712	L	liqinj	51,229	1078%	24	continue bur	1	0	0	0	no	0	0	0	0	
25	1	1	348	S	liqinj	0	0%	25	**stop burnin	0	0	1	2	yes	0	0	1	2,896	2,896
26	1	2	337b	M	other	0	0%	26	**stop burnin	0	0	1	6	yes	7	7	1	0	83
26	1	2	337a	M	other	0	0%	26	**stop burnin	0	0	1	6	yes	6	6	0	0	83
27	1	2	714b	M	liqinj	0	0%	27	**stop burnin	0	0	1	3	no	0	3	0	0	5,610
27	1	2	714a	M	liqinj	11,219	156%	27	continue bur	1	0	0	0	no	0	0	0	0	(5,610)
28	1	1	824	S	liqinj	1,904	105%	28	continue bur	1	0	0	0	no	0	0	0	0	
29	1	1	726	S	liqinj	6,911	890%	29	continue bur	1	0	0	0	no	0	0	0	0	
30	1	2	809	L	rotkiln	113,217	2960%	30	continue bur	1	0	0	0	no	0	0	0	0	
30	1	2	810	M	liqinj	113,217	6166%	30	continue bur	1	0	0	0	no	0	0	0	0	
31	1	1	342	S	rotkiln	0	0%	31	**stop burnin	0	0	1	6	yes	0	0	1	211	211
32	1	1	905	S	liqinj	0	0%	32	**stop burnin	0	0	1	2	yes	0	0	1	3,068	3,068
33	1	1	229	S	liqinj	0	0%	33	**stop burnin	0	0	1	2	yes	0	0	1	860	860
34	1	1	725	S	liqinj	0	0%	34	**stop burnin	0	0	1	2	yes	0	0	1	269	269
TOTAL										54%	0%	46%	115.5		18.6	25.5	44%	27,021	23,062
Average													306		49	68			
Minimum													(oiuempl_lt)		(oiuempl_lowlt)	(oiuempl_higlt)			
Maximum													(no longer in use 11/20/97)						
Median																			

FINAL DRAFT: July 1999

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA

TOTAL COSTS - SHORT TERM

Facility Number	Units per Combustion System	Number of Comb. System at Facility	Site ID Number	Size	Type of System	Compliance Costs for Systems Remaining Open	Variable Costs per Year for Systems Remaining Open	Total Baseline Costs for Systems Remaining Open	Cost of Diverting Wastes for Systems Closing	Total Compliance Costs for All Systems	Total Compliance Costs for Systems Remaining Open ($/ton)	Total Baseline Costs for Systems Remaining Open ($/ton)	Systems Remaining Open in the Short Term	Total O&M Baseline and Compliance Costs of HW burning for Systems Remaining Open ($/yr)	Total Compliance Costs for Systems Remaining Open ($/ton)	Total Baseline Costs for Systems Remaining Open ($/ton)
3	7	7.1	8	10	11	173	173.1	173.2	174	175	176	176.1	177	177.1	178	179
1	1	1	334	L	rotkiln	$507,203	$523,031	$2,728,798	$0	$507,203	$26	$137	1	1,760,089	$26	$137
2	2	3	805	M	liqinj	$516,480	$3,175,537	$4,400,348	$0	$516,480	$8	$68	1	4,068,511	$8	$68
2	1	3	477	M	liqinj	$202,768	$2,247,988	$3,008,624	$0	$202,768	$3	$47	1	2,704,165	$3	$47
2	2	3	478	M	liqinj	$199,213	$835,287	$1,507,680	$0	$199,213	$3	$23	1	1,249,519	$3	$23
3	1	1	806	M	other	$874,486	$497,991	$2,061,338	$0	$874,486	$42	$98	1	1,865,115	$42	$98
4	1	1	704	S	liqinj	$210,729	$9,075	$421,287	$0	$210,729	$116	$231	1	344,104	$116	$231
5	1	1	708	S	liqinj	$0	$0	$0	$2,909,052	$0	$0	$0	0	stop burning	stop burning	stop burning
6	2	1	711	L	other	$0	$0	$0	$67,506	$0	$0	$0	0	stop burning	stop burning	stop burning
7	1	1	504	M	other	$0	$0	$0	$329	$0	$0	$0	0	stop burning	stop burning	stop burning
8	1	3	480b	M	rotkiln	$0	$0	$0	$811,610	$0	$0	$0	0	stop burning	stop burning	stop burning
8	1	3	480a	M	rotkiln	$0	$0	$0	$811,610	$0	$0	$0	0	stop burning	stop burning	stop burning
8	1	3	706	M	liqinj	$167,986	$275,176	$902,344	($1,623,220)	$167,986	$23	$122	1	460,134	$23	$122
9	1	2	705	M	rotkiln	$194,040	$1,946,200	$3,583,534	$0	$194,040	$19	$346	1	2,678,597	$19	$346
9	1	2	490	M	rotkiln	$162,067	$910,469	$2,542,040	$0	$162,067	$16	$245	1	1,549,582	$16	$245
10	1	1	784	S	other	$635,598	$80,908	$439,140	$0	$635,598	$193	$133	1	827,277	$193	$133
11	1	1	600	L	rotkiln	$64,274	$5,026,137	$7,104,604	$0	$64,274	$4	$405	1	5,748,497	$4	$405
12	1	2	353	M	rotkiln	$202,702	$4,163,650	$6,315,506	$0	$202,702	$5	$169	1	5,023,808	$5	$169
12	1	2	354	M	rotkiln	$58,769	$10,808,492	$12,719,278	$0	$58,769	$2	$340	1	11,468,623	$2	$340
13	1	1	808	M	rotkiln	$339,292	$3,684,992	$5,699,745	$0	$339,292	$14	$242	1	4,675,836	$14	$242
14	1	4	350	M	liqinj	$367,956	$26,188	$525,286	$0	$367,956	$60	$86	1	538,864	$60	$86
14	1	4	707	L	liqinj	$203,197	$150,288	$997,310	$0	$203,197	$33	$164	1	620,537	$33	$164
14	1	4	702a	M	liqinj	$174,320	$725,107	$1,306,316	$0	$174,320	$29	$215	1	1,085,825	$29	$215
14	1	4	702b	M	liqinj	$174,320	$725,107	$1,306,316	$0	$174,320	$29	$215	1	1,085,825	$29	$215
15	1	1	338	L	rotkiln	$0	$0	$0	$919,669	$0	$0	$0	0	stop burning	stop burning	stop burning
16	1	1	700	M	other	$0	$0	$0	$796,944	$0	$0	$0	0	stop burning	stop burning	stop burning
17	1	2	915a	M	rotkiln	$762,104	$349,028	$2,592,457	$0	$762,104	$60	$205	1	1,751,403	$60	$205
17	1	2	915b	M	rotkiln	$762,104	$349,028	$2,592,457	$0	$762,104	$60	$205	1	1,751,403	$60	$205
18	1	1	701	M	rotkiln	$227,781	$13,078,031	$14,294,148	$0	$227,781	$2	$153	1	13,675,643	$2	$153
19	1	3	358b	M	liqinj	$145,851	$1,266,646	$1,779,806	$0	$145,851	$25	$303	1	1,573,391	$25	$303
19	1	3	358a	M	liqinj	$145,851	$1,266,646	$1,779,806	$0	$145,851	$25	$303	1	1,573,391	$25	$303
19	1	3	358c	M	liqinj	$145,851	$1,266,646	$1,779,806	$0	$145,851	$25	$303	1	1,573,391	$25	$303
20	1	4	728d	S	other	$0	$0	$0	$398,780	$0	$0	$0	0	stop burning	stop burning	stop burning
20	1	4	728c	S	other	$0	$0	$0	$398,780	$0	$0	$0	0	stop burning	stop burning	stop burning
20	1	4	728b	S	other	$133,849	$262,574	$674,119	($310,162)	$133,849	$62	$313	1	414,473	$62	$313
20	1	4	728a	S	other	$133,849	$256,037	$667,581	($310,162)	$133,849	$62	$310	1	410,796	$62	$310
21	1	1	904	S	other	$0	$0	$0	$370	$0	$0	$0	0	stop burning	stop burning	stop burning
22	1	1	340	M	other	$0	$0	$0	$46,949	$0	$0	$0	0	stop burning	stop burning	stop burning
23	1	1	906	S	liqinj	$234,928	$1,854,292	$2,237,911	$0	$234,928	$52	$500	1	2,222,625	$52	$500
24	1	1	712	L	liqinj	$537,866	$337,895	$1,206,097	$0	$537,866	$10	$24	1	1,168,633	$10	$24
25	1	1	348	S	liqinj	$0	$0	$0	$2,153,179	$0	$0	$0	0	stop burning	stop burning	stop burning
26	1	2	337b	M	other	$0	$0	$0	$459,829	$0	$0	$0	0	stop burning	stop burning	stop burning
26	1	2	337a	M	other	$0	$0	$0	$459,829	$0	$0	$0	0	stop burning	stop burning	stop burning
27	1	2	714b	M	liqinj	$346,288	$810,662	$1,451,892	$0	$346,288	$62	$259	1	1,359,011	$62	$259
27	1	2	714a	M	liqinj	$346,288	$810,662	$1,451,892	$0	$346,288	$62	$259	1	1,359,011	$62	$259
28	1	1	824	S	liqinj	$13,383	$158,816	$505,252	$0	$13,383	$7	$265	1	305,557	$7	$265
29	1	1	726	S	liqinj	$10,489	$710,180	$1,114,135	$0	$10,489	$2	$161	1	870,291	$2	$161
30	1	2	809	L	rotkiln	$407,090	$7,325,592	$8,893,505	$0	$407,090	$4	$79	1	8,195,452	$4	$79
30	1	2	810	M	liqinj	$264,384	$8,864,036	$9,522,795	$0	$264,384	$2	$84	1	9,357,656	$2	$84
31	1	1	342	S	rotkiln	$0	$0	$0	$115,376	$0	$0	$0	0	stop burning	stop burning	stop burning
32	1	1	905	S	liqinj	$0	$0	$0	$1,418,069	$0	$0	$0	0	stop burning	stop burning	stop burning
33	1	1	229	S	liqinj	$0	$0	$0	$490,559	$0	$0	$0	0	stop burning	stop burning	stop burning
34	1	1	725	S	liqinj	$0	$0	$0	$154,712	$0	$0	$0	0	stop burning	stop burning	stop burning
TOTAL						$9,873,356 (OIEMP)			$10,169,607	$9,873,356 (OISAC)	$26,202,367		34	95,317,030 (OIXAC)		
Average															$34 (OITACPT_AC)	$206 (OIBASPT_AC)
Minimum										$290,393 (OIU)					$25	
Maximum																
Median																

FINAL DRAFT: July 1999

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTIO

Option (case sensitive): Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA

REVENUES AND PROFITS - SHORT TERM

Facility Number	Units per Combustion System	Number of Comb. System at Facility	Site ID Number	Size	Type of System	Weighted Average Cost of Off-Sit Disposal ($/ton)	Total Imputed Revenues for Systems Remaining Open	Total Imputed Revenues for Systems Remainin Open (Inc. Energy Energy Savings) ($/ton)	Weighted Average Cost of Off-Site, Disposal for Systems Remainin Open	Operating Profits per ton of Hazardous Waste Burned	Operating Profits per ton of Hazardous Waste Burned	Weighted Average Cost of Off-Site Disposal ($/ton)
						After Consolidation					Before Consolidation	
3	7	7.1	8	10	11	179.1	180	181	182	183	184	185
1	1	1	334	L	rotkiln	$306	$6,072,908	$306	$306	$172	$168	$306
2	2	3	805	M	liqinj	$2,052	$132,555,247	$2,052	$2,052	$2,006	$1,984	$2,052
2	1	3	477	M	liqinj	$2,052	$132,555,247	$2,052	$2,052	$2,032	$2,006	$2,052
2	2	3	478	M	liqinj	$2,052	$132,555,247	$2,052	$2,052	$2,055	$2,029	$2,052
3	1	1	806	M	other	$680	$14,258,938	$680	$680	$570	$582	$680
4	1	1	704	S	liqinj	$306	$556,755	$306	$306	($12)	$74	$306
5	1	1	708	S	liqinj	stop burning	$0	$0	stop burning	stop burning	stop burning	stop burning
6	2	1	711	L	other	stop burning	$0	$0	stop burning	stop burning	stop burning	stop burning
7	1	1	504	M	other	stop burning	$0	$0	stop burning	stop burning	stop burning	stop burning
8	1	3	480b	M	rotkiln	stop burning	$0	$0	stop burning	stop burning	stop burning	stop burning
8	1	3	480a	M	rotkiln	stop burning	$0	$0	stop burning	stop burning	stop burning	stop burning
8	1	3	706	M	liqinj	$306	$2,261,892	$306	$306	$191	$184	$306
9	1	2	705	M	rotkiln	$634	$6,569,501	$634	$634	$299	$288	$634
9	1	2	490	M	rotkiln	$634	$6,569,501	$634	$634	$403	$389	$634
10	1	1	784	S	other	$306	$1,006,747	$306	$306	$9	$172	$306
11	1	1	600	L	rotkiln	$473	$8,283,449	$473	$473	$93	$67	$473
12	1	2	353	M	rotkiln	$520	$19,437,396	$520	$520	$375	$351	$520
12	1	2	354	M	rotkiln	$448	$16,735,738	$448	$448	$135	$108	$448
13	1	1	808	M	rotkiln	$343	$8,058,055	$343	$343	$115	$100	$343
14	1	4	350	M	liqinj	$383	$2,329,271	$383	$383	$265	$296	$383
14	1	4	707	L	liqinj	$383	$2,329,271	$383	$383	$215	$219	$383
14	1	4	702a	M	liqinj	$388	$2,362,154	$388	$388	$174	$173	$388
14	1	4	702b	M	liqinj	$388	$2,362,154	$388	$388	$174	$173	$388
15	1	1	338	L	rotkiln	stop burning	$0	$0	stop burning	stop burning	stop burning	stop burning
16	1	1	700	M	other	stop burning	$0	$0	stop burning	stop burning	stop burning	stop burning
17	1	2	915a	M	rotkiln	$341	$4,310,159	$341	$341	$105	$136	$341
17	1	2	915b	M	rotkiln	$341	$4,310,159	$341	$341	$105	$136	$341
18	1	1	701	M	rotkiln	$314	$29,305,301	$314	$314	$188	$161	$314
19	1	3	358b	M	liqinj	$347	$2,043,370	$347	$347	$49	$45	$347
19	1	3	358a	M	liqinj	$347	$2,043,370	$347	$347	$49	$45	$347
19	1	3	358c	M	liqinj	$347	$2,043,370	$347	$347	$49	$45	$347
20	1	4	728d	S	other	stop burning	$0	$0	stop burning	stop burning	stop burning	stop burning
20	1	4	728c	S	other	stop burning	$0	$0	stop burning	stop burning	stop burning	stop burning
20	1	4	728b	S	other	$306	$658,588	$306	$306	($40)	($7)	$306
20	1	4	728a	S	other	$306	$658,588	$306	$306	($37)	($4)	$306
21	1	1	904	S	other	stop burning	$0	$0	stop burning	stop burning	stop burning	stop burning
22	1	1	340	M	other	stop burning	$0	$0	stop burning	stop burning	stop burning	stop burning
23	1	1	906	S	liqinj	$813	$3,642,302	$813	$813	$291	$314	$813
24	1	1	712	L	liqinj	$327	$16,756,382	$327	$327	$322	$304	$327
25	1	1	348	S	liqinj	stop burning	$0	$0	stop burning	stop burning	stop burning	stop burning
26	1	2	337b	M	other	stop burning	$0	$0	stop burning	stop burning	stop burning	stop burning
26	1	2	337a	M	other	stop burning	$0	$0	stop burning	stop burning	stop burning	stop burning
27	1	2	714b	M	liqinj	$312	$1,751,000	$312	$312	$21	$53	$312
27	1	2	714a	M	liqinj	$312	$1,751,000	$312	$312	$21	$53	$312
28	1	1	824	S	liqinj	$306	$582,451	$306	$306	$63	$41	$306
29	1	1	726	S	liqinj	$676	$4,674,548	$676	$676	$543	$515	$676
30	1	2	809	L	rotkiln	$618	$69,991,744	$618	$618	$566	$540	$618
30	1	2	810	M	liqinj	$618	$69,992,459	$618	$618	$561	$534	$618
31	1	1	342	S	rotkiln	stop burning	$0	$0	stop burning	stop burning	stop burning	stop burning
32	1	1	905	S	liqinj	stop burning	$0	$0	stop burning	stop burning	stop burning	stop burning
33	1	1	229	S	liqinj	stop burning	$0	$0	stop burning	stop burning	stop burning	stop burning
34	1	1	725	S	liqinj	stop burning	$0	$0	stop burning	stop burning	stop burning	stop burning

TOTAL

Average	$567 (OIWPXPT_AC	Average weighted price per ton (Includes Energy Savings)>>>>>>>	$567 (OIREVPT_AC)		$567 (OIWPXPT_BC)
Minimum					
Maximum					
Median					
		Operating Profits per ton/% profits margin			
		Average >>>>>	60%	$357	$361 64%
		Median>>>>>	60%	$357	

FINAL DRAFT: July 1999

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA

TONS OF HAZARDOUS WASTE BURNED

Facility Number	Units per Combustion System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	Hazardous Waste Burned (1995 tons)	Practical Capacity (1995 tons)	Capacity Utilization (1995 %)	Breakdown of Waste Burned (1995 BRS) Liquids	Sludges	Solids	Unk.	Total	Estimated Breakdown of Waste Burned (1995 BR Liquids	Sludges	Solids	Unk.	Total	Percentile Summary of HW Burned: Combustion Systems (tons) < 50	50-150	150-1,000	1,000-5,000	5,000-10,000	>=10,000	Facilities: Tons < 50	Tons>=50
3	7	7.1	8	10	11	13	14	15	16	17	18	19	20	21	22	23	24	25	25.1	25.1a	25.1b	25.1c	25.1d	25.1e	25.3	25.4
1	1	1	347	M		NA	NA	NA	7	0	0	0	7	7	0	0		7	1	0	0	0	0	0	1	0
2	1	1	357	M		NA	NA	NA	215	0	0	934	1,149	1,149	0	0		1,149	0	0	0	1	0	0	0	1
3	1	4	344	NA		NA	NA	NA	122	0	623	0	745	122	0	623		745	0	0	1	0	0	0	na	na
3	1	4	346	NA		NA	NA	NA	122	0	623	0	745	122	0	623		745	0	0	1	0	0	0	na	na
3	1	4	470	NA		NA	NA	NA	122	0	623	0	745	122	0	623		745	0	0	1	0	0	0	na	na
3	1	4	471	NA		NA	NA	NA	122	0	623	0	745	122	0	623		745	0	0	1	0	0	0	0	1
4	1	2	A42a	NA		NA	NA	NA	2	0	5	1	7	2	0	5		7	1	0	0	0	0	0	na	na
4	1	2	A42b	NA		NA	NA	NA	2	0	5	1	7	2	0	5		7	1	0	0	0	0	0	1	0
5	1	1	B12	NA		NA	NA	NA	102	2	474	64	642	113	2	526		642	0	0	1	0	0	0	0	1
6	1	1	B24	NA		NA	NA	NA	3	0	0	0	3	3	0	0		3	1	0	0	0	0	0	1	0
7	1	1	B25	NA		NA	NA	NA	102	2	474	64	642	113	2	526		642	0	0	1	0	0	0	0	1
8	1	1	B26	NA		NA	NA	NA	102	2	474	64	642	113	2	526		642	0	0	1	0	0	0	0	1
9	1	1	B45	NA		NA	NA	NA	102	2	474	64	642	113	2	526		642	0	0	1	0	0	0	0	1
10	1	1	B49	NA		NA	NA	NA	102	2	474	64	642	113	2	526		642	0	0	1	0	0	0	0	1
11	1	1	B51	NA		NA	NA	NA	102	2	474	64	642	113	2	526		642	0	0	1	0	0	0	0	1
12	1	1	B37	NA		NA	NA	NA	102	2	474	64	642	113	2	526		642	0	0	1	0	0	0	0	1
13	1	2	727	S		NA	NA	NA	0	1	5	0	6	0	1	5		6	1	0	0	0	0	0	na	na
13	1	2	351	S		NA	NA	NA	0	1	5	0	6	0	1	5		6	1	0	0	0	0	0	1	0
14	1	1	503	S		NA	NA	NA	0	0	248	0	248	0	0	248		248	0	0	1	0	0	0	0	1
15	1	2	349a	S		NA	NA	NA	0	0	46	0	46	0	0	46		46	1	0	0	0	0	0	na	na
15	1	2	349b	S		NA	NA	NA	0	0	46	0	46	0	0	46		46	1	0	0	0	0	0	1	0
TOTAL														2443	18	6537	0	8,998	38%	0%	57%	5%	0%	0%	33%	67%
																			8	0	12	1	0	0	5	
Average														116	1	311	ERR	ERR	10						6	
Minimum																										
Maximum														27%	0%	73%	0%									
Median																										

CALCULATIONS USED TO ESTIMATE QUANTITY OF EACH TYPE OF WASTE BURNED AT EACH FACILITY.

Facilities Represented:

68	1	294	363	10,712
19%	0%	81%	100%	

SCALING FACTOR
(Government On-site Incinerators)

Combustion systems included in the IEc analysis:	21
Number of facilities included in the IEc analysis:	15
Number of facilities in EER's list:	18
Average number of combustion systems per facility:	1.400
Estimated # of combustion systems not in IEc's analysis:	4.200
Total Universe of Combustion Systems (K45 + K49)	25
Total number of systems in universe	25
Scaling factor to be used for national costs:	**1.19**

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA

HAZARDOUS WASTE REVENUES

Facility Number	Units per Combustion System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	Revenues from HW burned ($/year) Liquids	Sludges	Solids	Unk.	Total	Total Revenues Per Ton	Imputed Revenues ($/yr)	Savings in Energy ($/yr)	Savings in Energy ($/ton)
3	7	7.1	8	10	11	26	27	28	29	30	31	32	33	34
1	1	1	347	M		$1,773	$0	$0	$0	$1,773	$253	$1,773	NA	NA
2	1	1	357	M		$291,042	$0	$0	$0	$291,042	$253	$291,042	NA	NA
3	1	4	344	NA		$30,903	$0	$798,063	$0	$828,966	$1,113	$828,966	NA	NA
3	1	4	346	NA		$30,903	$0	$798,063	$0	$828,966	$1,113	$828,966	NA	NA
3	1	4	470	NA		$30,903	$0	$798,063	$0	$828,966	$1,113	$828,966	NA	NA
3	1	4	471	NA		$30,903	$0	$798,063	$0	$828,966	$1,113	$828,966	NA	NA
4	1	2	A42a	NA		$412	$0	$6,245	$0	$6,656	$1,024	$6,656	NA	NA
4	1	2	A42b	NA		$412	$0	$6,245	$0	$6,656	$1,024	$6,656	NA	NA
5	1	1	B12	NA		$28,697	$1,400	$674,427	$0	$704,523	$1,097	$704,523	NA	NA
6	1	1	B24	NA		$760	$0	$0	$0	$760	$253	$760	NA	NA
7	1	1	B25	NA		$28,697	$1,400	$674,427	$0	$704,523	$1,097	$704,523	NA	NA
8	1	1	B26	NA		$28,697	$1,400	$674,427	$0	$704,523	$1,097	$704,523	NA	NA
9	1	1	B45	NA		$28,697	$1,400	$674,427	$0	$704,523	$1,097	$704,523	NA	NA
10	1	1	B49	NA		$28,697	$1,400	$674,427	$0	$704,523	$1,097	$704,523	NA	NA
11	1	1	B51	NA		$28,697	$1,400	$674,427	$0	$704,523	$1,097	$704,523	NA	NA
12	1	1	B37	NA		$28,697	$1,400	$674,427	$0	$704,523	$1,097	$704,523	NA	NA
13	1	2	727	S		$0	$630	$6,405	$0	$7,035	$1,173	$7,035	NA	NA
13	1	2	351	S		$0	$630	$6,405	$0	$7,035	$1,173	$7,035	NA	NA
14	1	1	503	S		$0	$0	$317,688	$0	$317,688	$1,281	$317,688	NA	NA
15	1	2	349a	S		$0	$0	$58,926	$0	$58,926	$1,281	$58,926	NA	NA
15	1	2	349b	S		$0	$0	$58,926	$0	$58,926	$1,281	$58,926	NA	NA
TOTAL						0				$9,004,024			$0	
Average														$0
Minimum														
Maximum														
Median														

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION #

Option (case sensitive): Rec(50%)

Option Chosen: Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA

COMPLIANCE COSTS

Facility Number	Units per Combustion System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	Compliance Costs: Annualized Capital	Compliance Costs: Annual Fixed O/M	Compliance Costs: Variable O/M	Compliance Costs: Total Annual	Permitting Costs	CEM Costs	Comp., Conf., DRE Testing Costs	Feed Control Costs
3	7	7.1	8	10	11	53	54	55	56	57	58		
1	1	1	347	M		$0	$0	$0	$164,698	$5,000	$0	$4,791	$164,698
2	1	1	357	M		$218,958	$0	$7,257	$520,097	$5,000	$0	$31,992	$293,882
3	1	4	344	NA		$0	$0	$0	$0	$5,000	$0	$4,791	$0
3	1	4	346	NA		$0	$0	$0	$0	$5,000	$0	$4,791	$0
3	1	4	470	NA		$0	$0	$0	$0	$5,000	$0	$4,791	$0
3	1	4	471	NA		$0	$0	$0	$105,998	$5,000	$0	$4,791	$105,998
4	1	2	A42a	NA		$27,733	$115,151	$3,132	$146,015	$5,000	$0	$4,791	$0
4	1	2	A42b	NA		$27,733	$115,151	$3,132	$146,015	$5,000	$0	$4,791	$0
5	1	1	B12	NA		$6,702	$113,365	$8,203	$128,269	$5,000	$0	$4,791	$0
6	1	1	B24	NA		$0	$0	$0	$687,193	$5,000	$0	$4,791	$687,193
7	1	1	B25	NA		$11,804	$118,574	$31,167	$176,803	$5,000	$0	$4,791	$15,258
8	1	1	B26	NA		$0	$0	$0	$235,074	$5,000	$0	$4,791	$235,074
9	1	1	B45	NA		$0	$0	$0	$786,198	$5,000	$0	$4,791	$786,198
10	1	1	B49	NA		$4,686	$246	$4,226	$9,158	$5,000	$0	$4,791	$0
11	1	1	B51	NA		$0	$0	$0	$0	$5,000	$0	$4,791	$0
12	1	1	B37	NA		$5,463	$112,096	$2,099	$211,119	$5,000	$0	$4,791	$91,461
13	1	2	727	S		$36,490	$206,752	$1,546	$244,787	$5,000	$0	$6,398	$0
13	1	2	351	S		$3,004	$158	$2	$166,956	$5,000	$0	$6,398	$163,793
14	1	1	503	S		$21,410	$172	$9	$129,941	$5,000	$0	$6,398	$108,349
15	1	2	349a	S		$0	$0	$0	$158,741	$5,000	$0	$6,398	$158,741
15	1	2	349b	S		$0	$0	$0	$158,741	$5,000	$0	$6,398	$158,741
	TOTAL					$363,981	$781,665	$60,772	$4,175,802	$105,000	$0		
	Average							$2,894	$198,848				
	Minimum												
	Maximum								$781,665				
	Median												

NOTE: Total Annual Compliance Costs Also Include Feed Control Costs.

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA

COMPLIANCE COSTS, CONTINUED

Facility Number	Units per Combustion System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	Incremental Quantity of Dry Residuals (tons/yr)	Residual Disposal Cost ($/yr)	Shutdown Analysis: Number of Weeks Required to Shutdown	Shutdown Analysis: HW burning Revenues Lost During Shutdown	Shutdown Analysis: Net Revenues Lost During Shutdown ($)	Shutdown Analysis: Annualization of Shutdown Costs ($/year)	Total Annual Compliance Costs	Total Annual Compliance Costs per Ton ($/ton)
3	7	7.1	8	10	11	59	60	61	62	63	64	65	66
1	1	1	347	M								$174,490	$24,927
2	1	1	357	M								$557,089	$485
3	1	4	344	NA								$9,791	$13
3	1	4	346	NA								$9,791	$13
3	1	4	470	NA								$9,791	$13
3	1	4	471	NA								$115,789	$155
4	1	2	A42a	NA								$155,806	$23,970
4	1	2	A42b	NA								$155,806	$23,970
5	1	1	B12	NA								$138,061	$215
6	1	1	B24	NA								$696,985	$232,328
7	1	1	B25	NA								$186,594	$291
8	1	1	B26	NA								$244,865	$381
9	1	1	B45	NA								$795,990	$1,240
10	1	1	B49	NA								$18,949	$30
11	1	1	B51	NA								$9,791	$15
12	1	1	B37	NA								$220,910	$344
13	1	2	727	S								$256,186	$42,698
13	1	2	351	S								$178,354	$29,726
14	1	1	503	S								$141,339	$570
15	1	2	349a	S								$170,139	$3,699
15	1	2	349b	S								$170,139	$3,699
TOTAL						$0					Named: GOVT	$4,416,657	$5,257,925
Average												$210,317	$18,513
Minimum												$9,791	$13
Maximum												$795,990	$232,328
Median												OIMEDPT>>>	$55

GOVERNMENT

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION #

Option (case sensitive): Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA

BASELINE COSTS OF BURNING HAZARDOUS WASTE

Facility Number	Units per Combustion System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	Estimated Number of FTEs Per Comb.Syste	Fixed Annual Capital Costs	Fixed O & M Costs	Variable Costs Per Ton	Variable Costs Per Year	Total Annual Baseline Costs	Total Annual Baseline Costs ($/ton)	Current Operating Profits ($/year)	Current Operating Profits ($/ton)	Baseline Scenario Distribution of Comb. Systems by Operating Profits				
															<$0	$0-50	$51-100	$101-150	>$150
3	7	7.1	8	10	11	67.2	$68	$69	$70	71	72	72.1	73	74	74.a	74.b	74.c	74.d	74.e
1	1	1	347	M		17.0	$901,688	$452,794	$43.80	$307	$1,354,788	$193,541	($1,353,015)		1	0	0	0	0
2	1	1	357	M		17.0	$775,898	$443,819	$203.98	$234,370	$1,454,087	$1,266	($1,163,045)	($1,012)	1	0	0	0	0
3	1	4	344	NA		17.0	$400,000	$200,000	$300	$223,500	$823,500	$1,105	$5,466	$7	0	1	0	0	0
3	1	4	346	NA		17.0	$400,000	$200,000	$300	$223,500	$823,500	$1,105	$5,466	$7	0	1	0	0	0
3	1	4	470	NA		17.0	$400,000	$200,000	$300	$223,500	$823,500	$1,105	$5,466	$7	0	1	0	0	0
3	1	4	471	NA		17.0	$400,000	$200,000	$300	$223,500	$823,500	$1,105	$5,466	$7	0	1	0	0	0
4	1	2	A42a	NA		17.0	$400,000	$200,000	$300	$1,950	$601,950	$92,608	($595,294)		1	0	0	0	0
4	1	2	A42b	NA		17.0	$400,000	$200,000	$300	$1,950	$601,950	$92,608	($595,294)		1	0	0	0	0
5	1	1	B12	NA		17.0	$400,000	$200,000	$300	$192,600	$792,600	$1,235	($88,077)	($137)	1	0	0	0	0
6	1	1	B24	NA		17.0	$400,000	$200,000	$300	$900	$600,900	$200,300	($600,140)		1	0	0	0	0
7	1	1	B25	NA		17.0	$400,000	$200,000	$300	$192,600	$792,600	$1,235	($88,077)	($137)	1	0	0	0	0
8	1	1	B26	NA		17.0	$400,000	$200,000	$300	$192,600	$792,600	$1,235	($88,077)	($137)	1	0	0	0	0
9	1	1	B45	NA		17.0	$400,000	$200,000	$300	$192,600	$792,600	$1,235	($88,077)	($137)	1	0	0	0	0
10	1	1	B49	NA		17.0	$400,000	$200,000	$300	$192,600	$792,600	$1,235	($88,077)	($137)	1	0	0	0	0
11	1	1	B51	NA		17.0	$400,000	$200,000	$300	$192,600	$792,600	$1,235	($88,077)	($137)	1	0	0	0	0
12	1	1	B37	NA		17.0	$400,000	$200,000	$300	$192,600	$792,600	$1,235	($88,077)	($137)	1	0	0	0	0
13	1	2	727	S		17.0	$284,257	$144,614	$849.66	$5,098	$433,969	$72,328	($426,934)		1	0	0	0	0
13	1	2	351	S		17.0	$363,260	$172,203	$638.79	$3,833	$539,296	$89,883	($532,261)		1	0	0	0	0
14	1	1	503	S		17.0	$383,019	$198,480	$42.64	$10,574	$592,073	$2,387	($274,385)	($1,106)	1	0	0	0	0
15	1	2	349a	S		17.0	$387,172	$183,867	$318.05	$14,630	$585,669	$12,732	($526,743)		1	0	0	0	0
15	1	2	349b	S		17.0	$387,172	$183,867	$318.05	$14,630	$585,669	$12,732	($526,743)		1	0	0	0	0
TOTAL															17	4	0	0	0
Average												$37,307							
Minimum																			
Maximum																			
Median														$7 (GOVBASPRFT)					

median baseline operating profits per ton from MEDIANPRFT macro

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION #

Option (case sensitive): Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA

BASELINE COSTS, con.

Facility Number	Units per Combustion System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	Total Annual Baseline Costs (without capital costs) ($/year)	Total Annual Baseline Costs (without capital costs) ($/ton)	Current Operating Profits (without capital costs) ($/ton)
3	7	7.1	8	10	11	74.1	74.2	74.3
1	1	1	347	M		$453,100	$64,729	($64,475)
2	1	1	357	M		$678,188	$590	($337)
3	1	4	344	NA		$423,500	$568	$544
3	1	4	346	NA		$423,500	$568	$544
3	1	4	470	NA		$423,500	$568	$544
3	1	4	471	NA		$423,500	$568	$544
4	1	2	A42a	NA		$201,950	$31,069	($30,045)
4	1	2	A42b	NA		$201,950	$31,069	($30,045)
5	1	1	B12	NA		$392,600	$612	$486
6	1	1	B24	NA		$200,900	$66,967	($66,713)
7	1	1	B25	NA		$392,600	$612	$486
8	1	1	B26	NA		$392,600	$612	$486
9	1	1	B45	NA		$392,600	$612	$486
10	1	1	B49	NA		$392,600	$612	$486
11	1	1	B51	NA		$392,600	$612	$486
12	1	1	B37	NA		$392,600	$612	$486
13	1	2	727	S		$149,712	$24,952	($23,780)
13	1	2	351	S		$176,036	$29,339	($28,167)
14	1	1	503	S		$209,054	$843	$438
15	1	2	349a	S		$198,498	$4,315	($3,034)
15	1	2	349b	S		$198,498	$4,315	($3,034)
TOTAL								
Average						$338,576	$12,607	($11,601)
Minimum						$149,712	$568	($66,713)
Maximum						$678,188	$66,967	$544
Median								

GOVERNMENT

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA | BASELINE BEQ | SUM OF BASELINE AND COMPLIANCE COSTS

Facility Number	Units per Combustion System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	Short Term	Percentile Summary: Combustion Systems Below	Combustion Systems Above	Facilities Below	Facilities Above	Long Term	Percentile Summary: Combustion Systems Below	Combustion Systems Above	Facilities Below	Facilities Above	Total Baseline and Compliance Costs of HW burning ($/yr)	Total Baseline and Compliance Costs of HW burning ($/ton)	Total O&M Baseline and Compliance Costs of HW burning ($/yr)	Total O&M Baseline and Compliance Costs of HW burning ($/ton)
3	7	7.1	8	10	11	74.4	74.5	74.6	74.3	74.8	74.3	74.10	74.3	74.12	74.13	75		76	77
1	1	1	347	M		2,161	1	0			6,465	1	0			$1,529,278	$218,468	$627,590	$89,656
2	1	1	357	M		8,998	1	0			24,729	1	0			$2,011,176	$1,750	$1,235,277	$1,075
3	1	4	344	NA		246	0	1			738	0	1			$833,291	$1,119	$433,291	$582
3	1	4	346	NA		246	0	1			738	0	1			$833,291	$1,119	$433,291	$582
3	1	4	470	NA		246	0	1			738	0	1			$833,291	$1,119	$433,291	$582
3	1	4	471	NA		246	0	1			738	0	1			$939,289	$1,261	$539,289	$724
4	1	2	A42a	NA		276	1	0			829	1	0			$757,756	$116,578	$357,756	$55,039
4	1	2	A42b	NA		276	1	0			829	1	0			$757,756	$116,578	$357,756	$55,039
5	1	1	B12	NA		251	0	1			752	1	0			$930,661	$1,450	$530,661	$827
6	1	1	B24	NA		**********	1	0			**********	1	0			$1,297,885	$432,628	$897,885	$299,295
7	1	1	B25	NA		251	0	1			752	1	0			$979,194	$1,525	$579,194	$902
8	1	1	B26	NA		251	0	1			752	1	0			$1,037,465	$1,616	$637,465	$993
9	1	1	B45	NA		251	0	1			752	1	0			$1,588,590	$2,474	$1,188,590	$1,851
10	1	1	B49	NA		251	0	1			752	1	0			$811,549	$1,264	$411,549	$641
11	1	1	B51	NA		251	0	1			752	1	0			$802,391	$1,250	$402,391	$627
12	1	1	B37	NA		251	0	1			752	1	0			$1,013,510	$1,579	$613,510	$956
13	1	2	727	S		448	1	0			1,328	1	0			$690,155	$115,026	$405,898	$67,650
13	1	2	351	S		323	1	0			1,003	1	0			$717,650	$119,608	$354,390	$59,065
14	1	1	503	S		160	0	1			470	1	0			$733,412	$2,957	$350,393	$1,413
15	1	2	349a	S		191	1	0			593	1	0			$755,809	$16,431	$368,637	$8,014
15	1	2	349b	S		191	1	0			593	1	0			$755,809	$16,431	$368,637	$8,014
TOTAL							9												
							43%	57%	0%	0%		81%	19%	0%	0%				
Average																	$55,820		
Minimum																	$1,119		
Maximum																	$432,628		
Median																	$566		

GOVERNMENT

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION #

Option (case sensitive): Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA

BASIC SCREENS

Facility Number	Units per Combustion System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	New Compliance Costs as a Percentage of Baseline HW Burning Costs	Used for Percentile Summary Table					Total Baseline and Incremental Compliance Costs as Percent of HW Revenues	Baseline O&M and Incremental Compliance Costs as Percent of HW Revenues	Compliance Costs as Percent of Waste Burning Revenues	Used for Percentile Summary Table						Compliance Costs as Percent of Waste Burning Operating Profits
							<10%	10-20%	21-50%	51-75%	>75%				Not Burning HW	<10%	10-20%	21-50%	51-75%	>75%	
3	7	7.1	8	10	11	78	79	80	81	82	83	84	85	88	89	90	90.1	90.2	91	92	93
1	1	1	347	M		13%	0	1	0	0	0	86248.8%	35395.1%	9841%	0	0	0	0	0	1	ERR
2	1	1	357	M		38%	0	0	1	0	0	691.0%	424.4%	191%	0	0	0	0	0	1	-48%
3	1	4	344	NA		1%	1	0	0	0	0	100.5%	52.3%	1%	0	1	0	0	0	0	179%
3	1	4	346	NA		1%	1	0	0	0	0	100.5%	52.3%	1%	0	1	0	0	0	0	179%
3	1	4	470	NA		1%	1	0	0	0	0	100.5%	52.3%	1%	0	1	0	0	0	0	179%
3	1	4	471	NA		14%	0	1	0	0	0	113.3%	65.1%	14%	0	0	1	0	0	0	2119%
4	1	2	A42a	NA		26%	0	0	1	0	0	11383.7%	5374.6%	2341%	0	0	0	0	0	1	ERR
4	1	2	A42b	NA		26%	0	0	1	0	0	11383.7%	5374.6%	2341%	0	0	0	0	0	1	ERR
5	1	1	B12	NA		17%	0	1	0	0	0	132.1%	75.3%	20%	0	0	1	0	0	0	-157%
6	1	1	B24	NA		116%	0	0	0	0	1	170796.8%	118158.3%	91721%	0	0	0	0	0	1	ERR
7	1	1	B25	NA		24%	0	0	1	0	0	139.0%	82.2%	26%	0	0	0	1	0	0	-212%
8	1	1	B26	NA		31%	0	0	1	0	0	147.3%	90.5%	35%	0	0	0	1	0	0	-278%
9	1	1	B45	NA		100%	0	0	0	0	1	225.5%	168.7%	113%	0	0	0	0	0	1	-904%
10	1	1	B49	NA		2%	1	0	0	0	0	115.2%	58.4%	3%	0	1	0	0	0	0	-22%
11	1	1	B51	NA		1%	1	0	0	0	0	113.9%	57.1%	1%	0	1	0	0	0	0	-11%
12	1	1	B37	NA		28%	0	0	1	0	0	143.9%	87.1%	31%	0	0	0	1	0	0	-251%
13	1	2	727	S		59%	0	0	0	1	0	9810.3%	5769.7%	3642%	0	0	0	0	0	1	ERR
13	1	2	351	S		33%	0	0	1	0	0	10201.1%	5037.5%	2535%	0	0	0	0	0	1	ERR
14	1	1	503	S		24%	0	0	1	0	0	230.9%	110.3%	44%	0	0	0	1	0	0	-52%
15	1	2	349a	S		29%	0	0	1	0	0	1282.6%	625.6%	289%	0	0	0	0	0	1	ERR
15	1	2	349b	S		29%	0	0	1	0	0	1282.6%	625.6%	289%	0	0	0	0	0	1	ERR
TOTAL							24%	14%	48%	5%	10%				0	24%	10%	19%	0%	48%	
Average																					
Minimum																					
Maximum																					
Median																					

GOVERNMENT

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION #

Option (case sensitive): Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA | **PRICES**

Facility Number	Units per Combustion System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	Weighted Average Cost of Off-Site Disposal ($/ton)	Operating Profits as a % of Weighted Average Price	Used for Percentile Summary Table <0%	0-10%	11-25%	26-50%	>50%	Amount Off-Site Costs Would Need to Increase to Justify Baseline and Compliance Costs ($/ton)	Percentage Increase in Off-Site Costs to Justify Baseline and Compliance Costs	Total New Price Required to Cover Costs ($/ton)
3	7	7.1	8	10	11	96	96.1	96.2	96.3	96.4	96.5	96.6	97	98	99
1	1	1	347	M		$253		1	0	0	0	0	$218,215	86149%	$218,468
2	1	1	357	M		$253	-400%	1	0	0	0	0	$1,497	591%	$1,750
3	1	4	344	NA		$1,113	1%	0	1	0	0	0	$6	1%	$1,119
3	1	4	346	NA		$1,113	1%	0	1	0	0	0	$6	1%	$1,119
3	1	4	470	NA		$1,113	1%	0	1	0	0	0	$6	1%	$1,119
3	1	4	471	NA		$1,113	1%	0	1	0	0	0	$148	13%	$1,261
4	1	2	A42a	NA		$1,024		1	0	0	0	0	$115,554	11284%	$116,578
4	1	2	A42b	NA		$1,024		1	0	0	0	0	$115,554	11284%	$116,578
5	1	1	B12	NA		$1,097	-13%	1	0	0	0	0	$352	32%	$1,450
6	1	1	B24	NA		$253		1	0	0	0	0	$432,375	170697%	$432,628
7	1	1	B25	NA		$1,097	-13%	1	0	0	0	0	$428	39%	$1,525
8	1	1	B26	NA		$1,097	-13%	1	0	0	0	0	$519	47%	$1,616
9	1	1	B45	NA		$1,097	-13%	1	0	0	0	0	$1,377	125%	$2,474
10	1	1	B49	NA		$1,097	-13%	1	0	0	0	0	$167	15%	$1,264
11	1	1	B51	NA		$1,097	-13%	1	0	0	0	0	$152	14%	$1,250
12	1	1	B37	NA		$1,097	-13%	1	0	0	0	0	$481	44%	$1,579
13	1	2	727	S		$1,173		1	0	0	0	0	$113,853	9710%	$115,026
13	1	2	351	S		$1,173		1	0	0	0	0	$118,436	10101%	$119,608
14	1	1	503	S		$1,281	-86%	1	0	0	0	0	$1,676	131%	$2,957
15	1	2	349a	S		$1,281		1	0	0	0	0	$15,150	1183%	$16,431
15	1	2	349b	S		$1,281		1	0	0	0	0	$15,150	1183%	$16,431
TOTAL								17	4	0	0	0			
Average						$1,006									
Minimum															
Maximum															
Median						$350	1% (GOV%PRFT_B)								

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION #

Option (case sensitive): Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA

STATIC BREAK-EVEN QUANTITIES (BEQ)

CAPACITY TO MEET STATIC BEQs

Facility Number	Units per Combustion System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	Short Term Break-even Tons Required to Cover Compliance and O&M Baseline Costs (tons)	Long Term Break-even Tons Required to Cover Compliance and ALL Baseline Costs (tons)	At current prices, will systems need to increase the quantity of waste they burn in the SHORT TERM?	Percentile Summary: Below BEQ <20%	Percentile Summary: Below BEQ >20%	Percentile Summary: Above BEQ	At current prices, will systems need to increase the quantity of waste they burn in the LONG TERM?	Percentile Summary: Below BEQ <20%	Percentile Summary: Below BEQ >20%	Percentile Summary: Above BEQ	Short Term BEQ/Practical Capacity (tons)	Long Term BEQ/Practical Capacity (tons)	Do systems have the capacity to burn the SHORT TERM BEQ?	Do systems have the capacity to burn the LONG TERM BEQ?
3	7	7.1	8	10	11	100	101	102	103	104	105	106	107	108	109	110	111	112	113
1	1	1	347	M		2,994	7,296	yes	0	1	0	yes	0	1	0	NA	NA	NA	NA
2	1	1	357	M		20,293	36,024	yes	0	1	0	yes	0	1	0	NA	NA	NA	NA
3	1	4	344	NA		258	750	no	0	0	1	yes	1	0	0	NA	NA	NA	NA
3	1	4	346	NA		258	750	no	0	0	1	yes	1	0	0	NA	NA	NA	NA
3	1	4	470	NA		258	750	no	0	0	1	yes	1	0	0	NA	NA	NA	NA
3	1	4	471	NA		389	881	no	0	0	1	yes	1	0	0	NA	NA	NA	NA
4	1	2	A42a	NA		491	1,044	yes	0	1	0	yes	0	1	0	NA	NA	NA	NA
4	1	2	A42b	NA		491	1,044	yes	0	1	0	yes	0	1	0	NA	NA	NA	NA
5	1	1	B12	NA		424	926	no	0	0	1	yes	0	1	0	NA	NA	NA	NA
6	1	1	B24	NA		1,000,000	1,000,000	yes	0	1	0	yes	0	1	0	NA	NA	NA	NA
7	1	1	B25	NA		485	986	no	0	0	1	yes	0	1	0	NA	NA	NA	NA
8	1	1	B26	NA		558	1,080	no	0	0	1	yes	0	1	0	NA	NA	NA	NA
9	1	1	B45	NA		1,249	1,751	yes	0	1	0	yes	0	1	0	NA	NA	NA	NA
10	1	1	B49	NA		275	776	no	0	0	1	yes	1	0	0	NA	NA	NA	NA
11	1	1	B51	NA		263	765	no	0	0	1	yes	1	0	0	NA	NA	NA	NA
12	1	1	B37	NA		528	1,029	no	0	0	1	yes	0	1	0	NA	NA	NA	NA
13	1	2	727	S		1,241	2,122	yes	0	1	0	yes	0	1	0	NA	NA	NA	NA
13	1	2	351	S		657	1,337	yes	0	1	0	yes	0	1	0	NA	NA	NA	NA
14	1	1	503	S		274	584	yes	1	0	0	yes	0	1	0	NA	NA	NA	NA
15	1	2	349a	S		368	770	yes	0	1	0	yes	0	1	0	NA	NA	NA	NA
15	1	2	349b	S		368	770	yes	0	1	0	yes	0	1	0	NA	NA	NA	NA
TOTAL									5%	48%	48%		29%	71%	0%				
Average																			
Minimum																			
Maximum																			
Median																			

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION #

Option (case sensitive): Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA

PASS-THROUGH SCENARIO

DYNAMIC BREAK-EVEN QUANTITY ANALYSIS

Pass Through Scenario: 75%

Facility Number	Units per Combustion System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	Pass Through Chosen 75%	Short Term BEQ (tons)	Short Term BEQ % BEQ	Long Term BEQ (tons)	Long Term BEQ % BEQ
3	7	7.1	8	10	11	114	115	116	117	118
1	1	1	347	M		$23	2,632	0%	6,415	0%
2	1	1	357	M		$23	12,804	9%	22,730	5%
3	1	4	344	NA		$23	254	293%	738	101%
3	1	4	346	NA		$23	254	293%	738	101%
3	1	4	470	NA		$23	254	293%	738	101%
3	1	4	471	NA		$23	382	195%	866	86%
4	1	2	A42a	NA		$23	481	1%	1,023	1%
4	1	2	A42b	NA		$23	481	1%	1,023	1%
5	1	1	B12	NA		$23	417	154%	910	71%
6	1	1	B24	NA		$23	1,000,000	0%	1,000,000	0%
7	1	1	B25	NA		$23	477	135%	970	66%
8	1	1	B26	NA		$23	548	117%	1,042	62%
9	1	1	B45	NA		$23	1,228	52%	1,721	37%
10	1	1	B49	NA		$23	270	238%	763	84%
11	1	1	B51	NA		$23	259	248%	752	85%
12	1	1	B37	NA		$23	519	124%	1,012	63%
13	1	2	727	S		$23	1,203	0%	2,055	0%
13	1	2	351	S		$23	644	1%	1,312	0%
14	1	1	503	S		$23	272	91%	579	43%
15	1	2	349a	S		$23	364	13%	761	6%
15	1	2	349b	S		$23	364	13%	761	6%
TOTAL									$15,000	
Average										
Minimum										
Maximum										
Median										

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION #

Option (case sensitive): Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA

CAPACITY CONSTRAINTS FOR CONSOLIDATION ROUTINE

Facility Number	Units per Combustion System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	Practical Capacity (1995 tons)	Permitted Capacity (1995 tons)	Excess Capacity (1995 tons)
3	7	7.1	8	10	11	186	187	188
1	1	1	347	M		NA		NA
2	1	1	357	M		NA		NA
3	1	4	344	NA		NA		NA
3	1	4	346	NA		NA		NA
3	1	4	470	NA		NA		NA
3	1	4	471	NA		NA		NA
4	1	2	A42a	NA		NA		NA
4	1	2	A42b	NA		NA		NA
5	1	1	B12	NA		NA		NA
6	1	1	B24	NA		NA		NA
7	1	1	B25	NA		NA		NA
8	1	1	B26	NA		NA		NA
9	1	1	B45	NA		NA		NA
10	1	1	B49	NA		NA		NA
11	1	1	B51	NA		NA		NA
12	1	1	B37	NA		NA		NA
13	1	2	727	S		NA		NA
13	1	2	351	S		NA		NA
14	1	1	503	S		NA		NA
15	1	2	349a	S		NA		NA
15	1	2	349b	S		NA		NA

TOTAL

Average
Minimum
Maximum
Median

NOTE: Government On-Sites Are Not Expected To Close As A Result Of The MACT Standards And Therefore Are Not Included In The Consolidation Routine Analysis.

GOVERNMENT

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA

SHORT TERM CONSOLIDATION MODULE; pass through scenario: 75%

Pass Through 75%

Facility Number	Units per Combustion System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	Below Short Term B	Facility Number	1st Iteration Status	1st Iteration Tons	1st Iteration Continue Consolidation	Facility Number	2nd Iteration Status	2nd Iteration Tons	2nd Iteration Continue Consolidation?	Facility Number	3rd Iteration Status	3rd Iteration Tons	3rd Iteration Continue Consolidation?	Facility Number	4th Iteration Status	4th Iteration Tons	4th Iteration Continue Consolidation?
3	7	7.1	8	10	11	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135
1	1	1	347	M		yes	1	only unit	7	no			na	no			na	no			na	no
2	1	1	357	M		yes	2	only unit	1,149	no			na	no			na	no			na	no
3	1	4	344	NA		no	3	only unit	745	no			na	no			na	no			na	no
3	1	4	346	NA		no		only unit	745	no			na	no			na	no			na	no
3	1	4	470	NA		no		only unit	745	no			na	no			na	no			na	no
3	1	4	471	NA		no		only unit	745	no			na	no			na	no			na	no
4	1	2	A42a	NA		yes	4	only unit	7	no			na	no			na	no			na	no
4	1	2	A42b	NA		yes		only unit	7	no			na	no			na	no			na	no
5	1	1	B12	NA		no	5	only unit	642	no			na	no			na	no			na	no
6	1	1	B24	NA		yes	6	only unit	3	no			na	no			na	no			na	no
7	1	1	B25	NA		no	7	only unit	642	no			na	no			na	no			na	no
8	1	1	B26	NA		no	8	only unit	642	no			na	no			na	no			na	no
9	1	1	B45	NA		yes	9	only unit	642	no			na	no			na	no			na	no
10	1	1	B49	NA		no	10	only unit	642	no			na	no			na	no			na	no
11	1	1	B51	NA		no	11	only unit	642	no			na	no			na	no			na	no
12	1	1	B37	NA		no	12	only unit	642	no			na	no			na	no			na	no
13	1	2	727	S		yes	13	only unit	6	no			na	no			na	no			na	no
13	1	2	351	S		yes		only unit	6	no			na	no			na	no			na	no
14	1	1	503	S		yes	14	only unit	248	no			na	no			na	no			na	no
15	1	2	349a	S		yes	15	only unit	46	no			na	no			na	no			na	no
15	1	2	349b	S		yes		only unit	46	no			na	no			na	no			na	no

TOTAL

Average
Minimum
Maximum
Median

NOTE: Government On-Sites Are Not Expected To Close As A Result Of The MACT Standards And Therefore Are Not Included In The Consolidation Routine Analysis.

GOVERNMENT

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA

SHORT TERM CONSOLIDATION MODULE (Continued)

Facility Number	Units per Combustion System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	Tons After Consolidation	Percent of Short Term BEQ	Facility Number	Combustion System Status	Percentile Summary Above	Percentile Summary 0-20%	Percentile Summary >20%	Number of FTEs Affected by System Closure	All Systems At Facility Stop Burning?	Percentile Summary	Potential FTE Losses Assuming FTEs Are Reallocated	Waste Diverted From Facility
3	7	7.1	8	10	11	136	137	138	139	140	141	142	142.2	143	144	144.2	145
1	1	1	347	M		7	0%	1	continue burning	0	0	1	0	no	0	0	
2	1	1	357	M		1,149	9%	2	continue burning	0	0	1	0	no	0	0	
3	1	4	344	NA		745	293%		continue burning	1	0	0	0	no	0	0	
3	1	4	346	NA		745	293%		continue burning	1	0	0	0	no	0	0	
3	1	4	470	NA		745	293%		continue burning	1	0	0	0	no	0	0	
3	1	4	471	NA		745	195%	3	continue burning	1	0	0	0	no	0	0	
4	1	2	A42a	NA		7	1%		continue burning	0	0	1	0	no	0	0	
4	1	2	A42b	NA		7	1%	4	continue burning	0	0	1	0	no	0	0	
5	1	1	B12	NA		642	154%	5	continue burning	1	0	0	0	no	0	0	
6	1	1	B24	NA		3	0%	6	continue burning	0	0	1	0	no	0	0	
7	1	1	B25	NA		642	135%	7	continue burning	1	0	0	0	no	0	0	
8	1	1	B26	NA		642	117%	8	continue burning	1	0	0	0	no	0	0	
9	1	1	B45	NA		642	52%	9	continue burning	0	0	1	0	no	0	0	
10	1	1	B49	NA		642	238%	10	continue burning	1	0	0	0	no	0	0	
11	1	1	B51	NA		642	248%	11	continue burning	1	0	0	0	no	0	0	
12	1	1	B37	NA		642	124%	12	continue burning	1	0	0	0	no	0	0	
13	1	2	727	S		6	0%		continue burning	0	0	1	0	no	0	na	
13	1	2	351	S		6	1%	13	continue burning	0	0	1	0	no	0	0	
14	1	1	503	S		248	91%	14	continue burning	0	1	0	0	no	0	0	
15	1	2	349a	S		46	13%		continue burning	0	0	1	0	no	0	na	
15	1	2	349b	S		46	13%	15	continue burning	0	0	1	0	no	0	0	
TOTAL										48%	5%	48%	0.0		0%	0.0	0
Average													0			0	
Minimum													(govuempl_st)			(govfempl_st)	
Maximum																	
Median																	

NOTE: Government On-Sites Are Not Expected To Close As A Result Of The MACT Standards And Therefore Are Not Included In The Consolidation Routine Analysis.

GOVERNMENT

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA

LONG TERM CONSOLIDATION MODULE; pass through scenario: 75%

Pass Through: 75%

Facility Number	Units per Combustion System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	Below Long Term BEQ	Facility Number	1st Iteration Status	1st Iteration Tons	1st Iteration Continue Consolidation?	Facility Number	2nd Iteration Status	2nd Iteration Tons	2nd Iteration Continue Consolidation?	Facility Number	3rd Iteration Status	3rd Iteration Tons	3rd Iteration Continue Consolidation?	Facility Number	4th Iteration Status	4th Iteration Tons	4th Iteration Continue Consolidation?
3	7	7.1	8	10	11	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162
1	1	1	347	M		yes	1	only unit	7	no			na	no			na	no			na	no
2	1	1	357	M		yes	2	only unit	1,149	no			na	no			na	no			na	no
3	1	4	344	NA		no	3	only unit	745	no			na	no			na	no			na	no
3	1	4	346	NA		no		only unit	745	no			na	no			na	no			na	no
3	1	4	470	NA		no		only unit	745	no			na	no			na	no			na	no
3	1	4	471	NA		yes		only unit	745	no			na	no			na	no			na	no
4	1	2	A42a	NA		yes	4	only unit	7	no			na	no			na	no			na	no
4	1	2	A42b	NA		yes		only unit	7	no			na	no			na	no			na	no
5	1	1	B12	NA		yes	5	only unit	642	no			na	no			na	no			na	no
6	1	1	B24	NA		yes	6	only unit	3	no			na	no			na	no			na	no
7	1	1	B25	NA		yes	7	only unit	642	no			na	no			na	no			na	no
8	1	1	B26	NA		yes	8	only unit	642	no			na	no			na	no			na	no
9	1	1	B45	NA		yes	9	only unit	642	no			na	no			na	no			na	no
10	1	1	B49	NA		yes	10	only unit	642	no			na	no			na	no			na	no
11	1	1	B51	NA		yes	11	only unit	642	no			na	no			na	no			na	no
12	1	1	B37	NA		yes	12	only unit	642	no			na	no			na	no			na	no
13	1	2	727	S		yes	13	only unit	6	no			na	no			na	no			na	no
13	1	2	351	S		yes		only unit	6	no			na	no			na	no			na	no
14	1	1	503	S		yes	14	only unit	248	no			na	no			na	no			na	no
15	1	2	349a	S		yes	15	only unit	46	no			na	no			na	no			na	no
15	1	2	349b	S		yes		only unit	46	no			na	no			na	no			na	no

TOTAL

Average
Minimum
Maximum
Median

NOTE: Government On-Sites Are Not Expected To Close As A Result Of The MACT Standards And Therefore Are Not Included In The Consolidation Routine Analysis.

GOVERNMENT

ON-SITE INCINERATORS

DO NOT WRITE TO CELL 14 - ENTER OPTION #

Option (case sensitive): Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA

LONG TERM CONSOLIDATION MODULE (Continued)

Facility Number	Units per Combustion System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	Tons After Consolidation	Percent of Long Term BEQ	Facility Number	Combustion System Status	Percentile Summary Above	Percentile Summary 0-20%	Percentile Summary >20%	Number of FTEs Affected by System Closure	All Systems At Facility Stop Burning?	Percentile Summary	Potential FTE Losses Assuming FTEs Are Reallocated	Waste Diverted From Facility
3	7	7.1	8	10	11	163	164	165	166	167	168	169	142.2	170	171	144.2	172
1	1	1	347	M		7	0%	1	continue burning	0	0	1	0	no	0	0	
2	1	1	357	M		1,149	5%	2	continue burning	0	0	1	0	no	0	0	
3	1	4	344	NA		745	101%		continue burning	1	0	0	0	no	0	na	
3	1	4	346	NA		745	101%		continue burning	1	0	0	0	no	0	na	
3	1	4	470	NA		745	101%		continue burning	1	0	0	0	no	0	na	
3	1	4	471	NA		745	86%	3	continue burning	0	1	0	0	no	0	0	
4	1	2	A42a	NA		7	1%		continue burning	0	0	1	0	no	0	na	
4	1	2	A42b	NA		7	1%	4	continue burning	0	0	1	0	no	0	0	
5	1	1	B12	NA		642	71%	5	continue burning	0	0	1	0	no	0	0	
6	1	1	B24	NA		3	0%	6	continue burning	0	0	1	0	no	0	0	
7	1	1	B25	NA		642	66%	7	continue burning	0	0	1	0	no	0	0	
8	1	1	B26	NA		642	62%	8	continue burning	0	0	1	0	no	0	0	
9	1	1	B45	NA		642	37%	9	continue burning	0	0	1	0	no	0	0	
10	1	1	B49	NA		642	84%	10	continue burning	0	1	0	0	no	0	0	
11	1	1	B51	NA		642	85%	11	continue burning	0	1	0	0	no	0	0	
12	1	1	B37	NA		642	63%	12	continue burning	0	0	1	0	no	0	0	
13	1	2	727	S		6	0%		continue burning	0	0	1	0	no	0	na	
13	1	2	351	S		6	0%	13	continue burning	0	0	1	0	no	0	0	
14	1	1	503	S		248	43%	14	continue burning	0	0	1	0	no	0	0	
15	1	2	349a	S		46	6%		continue burning	0	0	1	0	no	0	na	
15	1	2	349b	S		46	6%	15	continue burning	0	0	1	0	no	0	0	
TOTAL										14%	14%	71%	0.0		0%	0.0	0
Average													0			0	
Minimum													(govuempl_lt)			(govfempl_lt)	
Maximum																	
Median																	

NOTE: Government On-Sites Are Not Expected To Close As A Result Of The MACT Standards And Therefore Are Not Included In The Consolidation Routine Analysis.

GOVERNMENT

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION

Option (case sensitive): Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA

TOTAL COSTS - SHORT TERM

Facility Number	Units per Combustion System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	Compliance Costs for Systems Remaining Open	Variable Costs per Year for Systems Remaining Open	Total Baseline Costs for Systems Remaining Open	Cost of Diverting Wastes for Systems Closing	Total Compliance Costs for All Systems	Total Compliance Costs for Systems Remaining Open ($/ton)	Total Baseline Costs for Systems Remaining Open ($/ton)	Systems Remaining Open in the Short Term	Total O&M Baseline and Compliance Costs of HW burning for Systems Remaining Open ($/yr)	Total Compliance Costs for Systems Remaining Open ($/ton)	Total Baseline Costs for Systems Remaining Open ($/ton)
3	7	7.1	8	10	11	173	173.1	173.2	174	175	176	176.1	177	177.1	178	179
1	1	1	347	M		$174,490	$307	$1,354,788	$0	$174,490	$24,927	$193,541	1	627,590	$24,927	$193,541
2	1	1	357	M		$557,089	$234,370	$1,454,087	$0	$557,089	$485	$1,266	1	1,235,277	$485	$1,266
3	1	4	344	NA		$9,791	$223,500	$823,500	$0	$9,791	$13	$1,105	1	433,291	$13	$1,105
3	1	4	346	NA		$9,791	$223,500	$823,500	$0	$9,791	$13	$1,105	1	433,291	$13	$1,105
3	1	4	470	NA		$9,791	$223,500	$823,500	$0	$9,791	$13	$1,105	1	433,291	$13	$1,105
3	1	4	471	NA		$115,789	$223,500	$823,500	$0	$115,789	$155	$1,105	1	539,289	$155	$1,105
4	1	2	A42a	NA		$155,806	$1,950	$601,950	$0	$155,806	$23,970	$92,608	1	357,756	$23,970	$92,608
4	1	2	A42b	NA		$155,806	$1,950	$601,950	$0	$155,806	$23,970	$92,608	1	357,756	$23,970	$92,608
5	1	1	B12	NA		$138,061	$192,600	$792,600	$0	$138,061	$215	$1,235	1	530,661	$215	$1,235
6	1	1	B24	NA		$696,985	$900	$600,900	$0	$696,985	$232,328	$200,300	1	897,885	$232,328	$200,300
7	1	1	B25	NA		$186,594	$192,600	$792,600	$0	$186,594	$291	$1,235	1	579,194	$291	$1,235
8	1	1	B26	NA		$244,865	$192,600	$792,600	$0	$244,865	$381	$1,235	1	637,465	$381	$1,235
9	1	1	B45	NA		$795,990	$192,600	$792,600	$0	$795,990	$1,240	$1,235	1	1,188,590	$1,240	$1,235
10	1	1	B49	NA		$18,949	$192,600	$792,600	$0	$18,949	$30	$1,235	1	411,549	$30	$1,235
11	1	1	B51	NA		$9,791	$192,600	$792,600	$0	$9,791	$15	$1,235	1	402,391	$15	$1,235
12	1	1	B37	NA		$220,910	$192,600	$792,600	$0	$220,910	$344	$1,235	1	613,510	$344	$1,235
13	1	2	727	S		$256,186	$5,098	$433,969	$0	$256,186	$42,698	$72,328	1	405,898	$42,698	$72,328
13	1	2	351	S		$178,354	$3,833	$539,296	$0	$178,354	$29,726	$89,883	1	354,390	$29,726	$89,883
14	1	1	503	S		$141,339	$10,574	$592,073	$0	$141,339	$570	$2,387	1	350,393	$570	$2,387
15	1	2	349a	S		$170,139	$14,630	$585,669	$0	$170,139	$3,699	$12,732	1	368,637	$3,699	$12,732
15	1	2	349b	S		$170,139	$14,630	$585,669	$0	$170,139	$3,699	$12,732	1	368,637	$3,699	$12,732
TOTAL						$4,416,657 (GOVEMP)			$0	$4,416,657 (GOVSAC)	$5,257,925		21	11,526,744 (GOVXAC)		
Average															$18,513 (GOVTACPT_A	$37,307 (GOVBASPT_A
Minimum																
Maximum										$210,317 (GOVU)						
Median															$34	

ON-SITE INCINERATORS

DO NOT WRITE TO CELL I4 - ENTER OPTION #

Option (case sensitive): Rec(50%)

Include CEM costs? >>>> N
(Choices: Yes/No)

SYSTEM DATA

REVENUES AND PROFITS - SHORT TERM

						After Consolidation					Before Consolidation	
Facility Number	Units per Combustion System	Number of Comb. Systems at Facility	Site ID Number	Size	Type of System	Weighted Average Cost of Off-Site Disposal ($/ton)	Total Imputed Revenues for Systems Remaining Open	Total Imputed Revenues for Systems Remaining Open (Inc. Energy Energy Savings) ($/ton)	Weighted Average Cost of Off-Site Disposal for Systems Remaining Open	Operating Profits per ton of Hazardous Waste Burned	Operating Profits per ton of Hazardous Waste Burned	Weighted Average Cost of Off-Site Disposal ($/ton)
3	7	7.1	8	10	11	179.1	180	181	182	183	184	185
1	1	1	347	M		$253	$1,773	$253	$253	($218,186)	($193,288)	$253
2	1	1	357	M		$253	$291,042	$253	$253	($1,468)	($1,012)	$253
3	1	4	344	NA		$1,113	$828,966	$1,113	$1,113	$24	$7	$1,113
3	1	4	346	NA		$1,113	$828,966	$1,113	$1,113	$24	$7	$1,113
3	1	4	470	NA		$1,113	$828,966	$1,113	$1,113	$24	$7	$1,113
3	1	4	471	NA		$1,113	$828,966	$1,113	$1,113	($119)	$7	$1,113
4	1	2	A42a	NA		$1,024	$6,656	$1,024	$1,024	($115,524)	($91,584)	$1,024
4	1	2	A42b	NA		$1,024	$6,656	$1,024	$1,024	($115,524)	($91,584)	$1,024
5	1	1	B12	NA		$1,097	$704,523	$1,097	$1,097	($323)	($137)	$1,097
6	1	1	B24	NA		$253	$760	$253	$253	($432,345)	($200,047)	$253
7	1	1	B25	NA		$1,097	$704,523	$1,097	$1,097	($398)	($137)	$1,097
8	1	1	B26	NA		$1,097	$704,523	$1,097	$1,097	($489)	($137)	$1,097
9	1	1	B45	NA		$1,097	$704,523	$1,097	$1,097	($1,348)	($137)	$1,097
10	1	1	B49	NA		$1,097	$704,523	$1,097	$1,097	($137)	($137)	$1,097
11	1	1	B51	NA		$1,097	$704,523	$1,097	$1,097	($123)	($137)	$1,097
12	1	1	B37	NA		$1,097	$704,523	$1,097	$1,097	($452)	($137)	$1,097
13	1	2	727	S		$1,173	$7,035	$1,173	$1,173	($113,824)	($71,156)	$1,173
13	1	2	351	S		$1,173	$7,035	$1,173	$1,173	($118,406)	($88,710)	$1,173
14	1	1	503	S		$1,281	$317,688	$1,281	$1,281	($1,647)	($1,106)	$1,281
15	1	2	349a	S		$1,281	$58,926	$1,281	$1,281	($15,120)	($11,451)	$1,281
15	1	2	349b	S		$1,281	$58,926	$1,281	$1,281	($15,120)	($11,451)	$1,281
TOTAL												
Average						$1,006	Average weighted price per ton		$1,006			$1,006
Minimum						(GOVWPXPT_AC)	(Includes Energy Savings)>>>>>>>		(GOVREVPT_AC)			(GOVWPXPT_BC)
Maximum												
Median							Operating Profits per ton/% profits margin					
							Average >>>>>		-9182%	($54,785)	($36,301)	-3608%
							Median>>>>>		-9182%	($54,785)		